

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005039.D
 Acq On : 05 Oct 2018 00:30
 Operator : JC/MD
 Sample : J5207-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:52 PM

Quant Time: Oct 05 05:12:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161955	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.50	113	127413	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	8.72	98	481328	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	177549	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150134	51.589	ug/l	99
3) Chloromethane	1.32	50	170136	48.187	ug/l	100
4) Vinyl Chloride	1.40	62	171601	51.820	ug/l	98
5) Bromomethane	1.64	94	113476	57.787	ug/l	96
6) Chloroethane	1.71	64	99309	55.274	ug/l	96
7) Trichlorofluoromethane	1.92	101	218938	53.405	ug/l	95
8) Diethyl Ether	2.19	74	91637	51.453	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120774	51.718	ug/l	99
10) Methyl Iodide	2.51	142	141908	45.412	ug/l	92
11) Tert butyl alcohol	3.08	59	224034	262.789	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118198	51.108	ug/l	93
13) Acrolein	2.29	56	39093	64.450	ug/l	91
14) Allyl chloride	2.73	41	265984	52.711	ug/l	96
15) Acrylonitrile	3.15	53	516264	275.087	ug/l	97
16) Acetone	2.45	43	456863	256.657	ug/l	92
17) Carbon Disulfide	2.57	76	322134	46.355	ug/l	100
18) Methyl Acetate	2.78	43	256910	56.965	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	453217	56.814	ug/l	96
20) Methylene Chloride	2.85	84	142582	55.178	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	127774	50.471	ug/l	85
22) Diisopropyl ether	3.87	45	461882	54.357	ug/l	96
23) Vinyl Acetate	3.82	43	1717241	220.783	ug/l	98
24) 1,1-Dichloroethane	3.70	63	261665	51.624	ug/l	99
25) 2-Butanone	4.71	43	686222	261.532	ug/l	97
26) 2,2-Dichloropropane	4.58	77	136368	38.636	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	142931	50.538	ug/l	97
28) Bromochloromethane	5.02	49	121380	50.853	ug/l	98
29) Tetrahydrofuran	5.16	42	448086	274.762	ug/l	98
30) Chloroform	5.21	83	241562	50.427	ug/l	100
31) Cyclohexane	5.57	56	204682	52.761	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	203635	52.051	ug/l	95
36) 1,1-Dichloropropene	5.80	75	175815	47.166	ug/l	94
37) Ethyl Acetate	4.86	43	209567	42.354	ug/l	98
38) Carbon Tetrachloride	5.78	117	177574	45.319	ug/l	99

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Manual Integrations
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Quant Time: Oct 05 05:12:59 2018
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191496	50.311	ug/l #	85
40) Benzene	6.14	78	544297	46.641	ug/l	95
41) Methacrylonitrile	5.06	41	136592	49.778	ug/l	98
42) 1,2-Dichloroethane	6.20	62	199061	48.252	ug/l	97
43) Isopropyl Acetate	6.46	43	336617	47.134	ug/l	97
44) Trichloroethene	7.21	130	145459	50.704	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146100	51.052	ug/l	99
46) Dibromomethane	7.66	93	94511	52.549	ug/l	100
47) Bromodichloromethane	7.90	83	181550	53.915	ug/l	99
48) Methyl methacrylate	7.78	41	189871	58.575	ug/l	100
49) 1,4-Dioxane	7.76	88	82138	1019.954	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1290119	286.903	ug/l	99
52) Toluene	8.79	92	335438	52.311	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	194778	51.187	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	207926	52.168	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144342	51.389	ug/l	96
56) Ethyl methacrylate	9.18	69	227201	49.856	ug/l	96
57) 1,3-Dichloropropane	9.37	76	240737	51.497	ug/l	98
59) 2-Hexanone	9.50	43	1025257	273.607	ug/l	95
60) Dibromochloromethane	9.59	129	147970	52.676	ug/l	98
61) 1,2-Dibromoethane	9.68	107	148075	49.225	ug/l	95
64) Tetrachloroethene	9.34	164	143646	47.046	ug/l	96
65) Chlorobenzene	10.14	112	381972	48.016	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	138787	49.626	ug/l	99
67) Ethyl Benzene	10.26	91	636232	50.376	ug/l	97
68) m/p-Xylenes	10.36	106	497059	100.714	ug/l	95
69) o-Xylene	10.70	106	242463	53.488	ug/l	98
70) Stvrene	10.71	104	408078	48.212	ug/l	100
71) Bromoform	10.86	173	120758	50.436	ug/l #	96
73) Isopropylbenzene	11.02	105	638983	54.023	ug/l	99
74) N-amyl acetate	10.90	43	271484	42.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234401	48.684	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215616m	51.265	ug/l	
77) Bromobenzene	11.26	156	175881	51.195	ug/l	99
78) n-propylbenzene	11.36	91	725738	53.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	444286	52.522	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	541546	49.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62196	40.716	ug/l	99
82) 4-Chlorotoluene	11.51	91	520771	52.303	ug/l	99
83) tert-Butylbenzene	11.77	119	536474	55.089	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	564144	50.463	ug/l	99
85) sec-Butylbenzene	11.94	105	628072	52.950	ug/l	100
86) p-Isopropyltoluene	12.07	119	563349	52.421	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	315853	49.236	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	322851	48.753	ug/l	100
89) n-Butylbenzene	12.39	91	496116	50.832	ug/l	100
90) Hexachloroethane	12.60	117	90345	50.492	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	323529	48.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54680	51.723	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	234656	49.897	ug/l	100

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ClientSampleId :
SA-TW511-2125MS

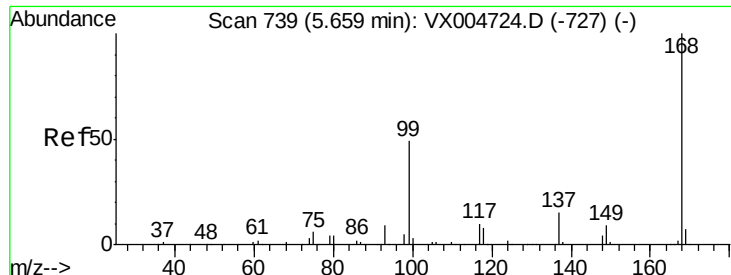
Manual Integrations
APPROVED

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10/5/2018 3:24:52 PM

Quant Time: Oct 05 05:12:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	106397	43.630	ug/l	98
95) Naphthalene	13.83	128	784450	50.253	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244577	50.345	ug/l	99

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



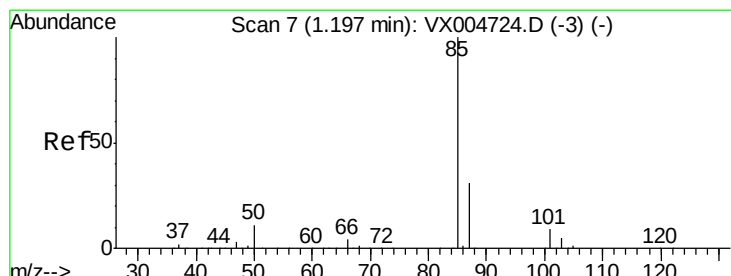
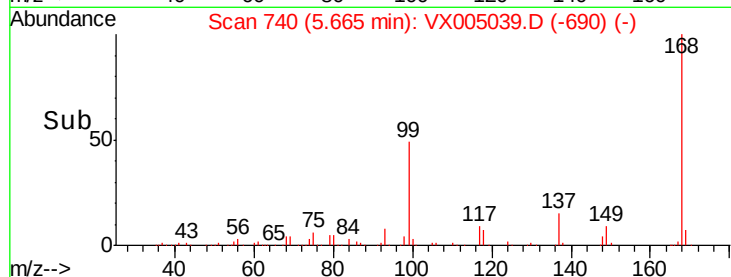
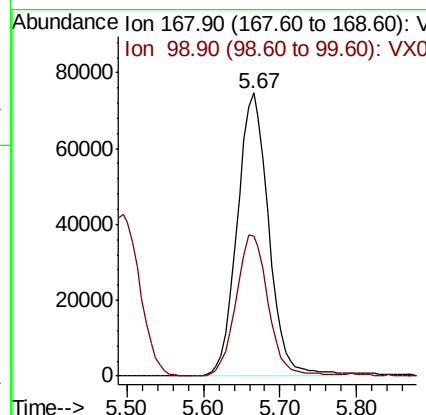
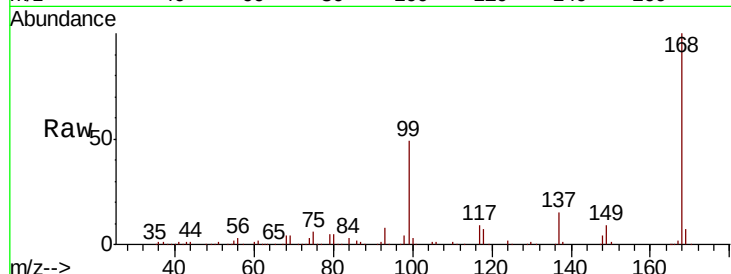
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

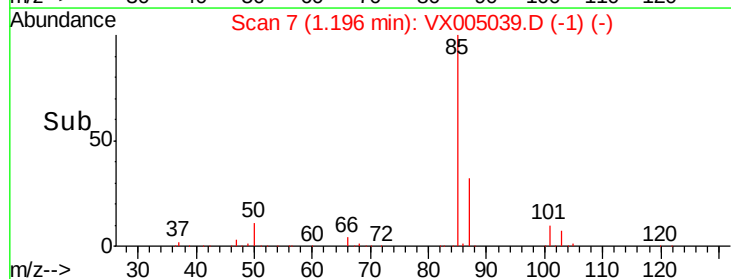
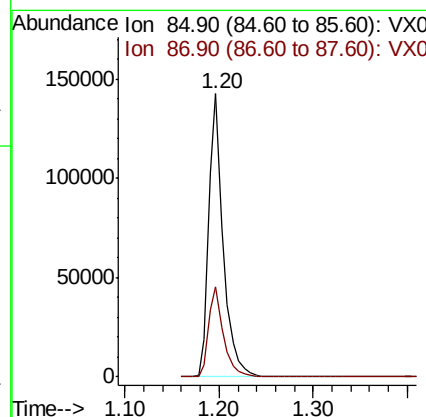
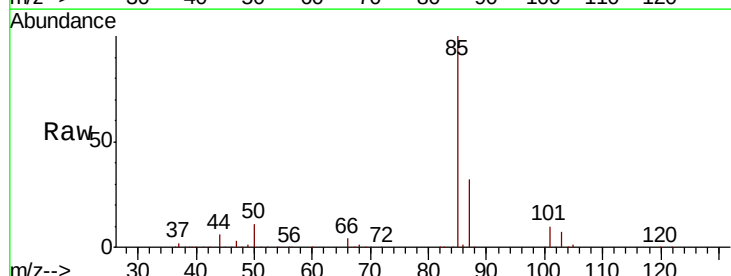
Manual Integrations
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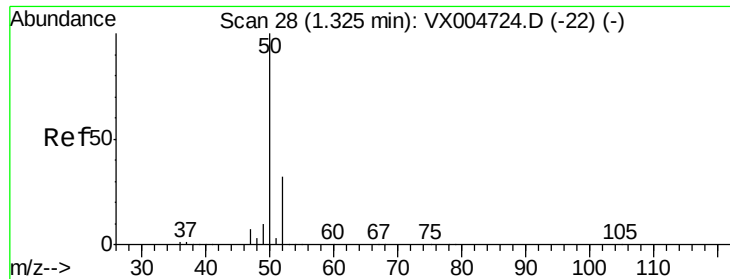
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#2
Dichlorodifluoromethane
Concen: 51.589 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.7	47.1





#3

Chloromethane

Concen: 48.187 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 50 Resp: 170136

Ion Ratio Lower Upper

50 100

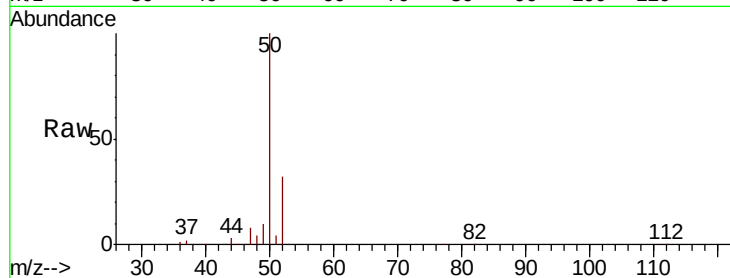
52 32.4 25.8 38.6

Manual Integrations

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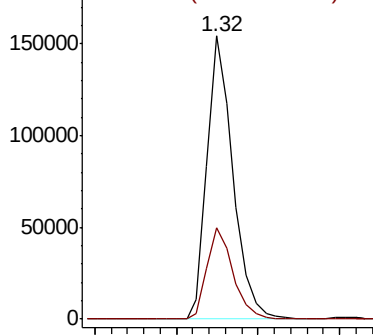
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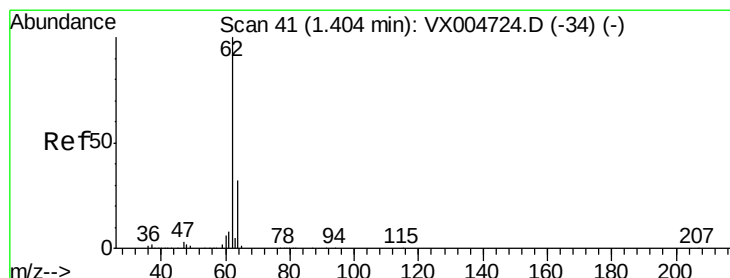
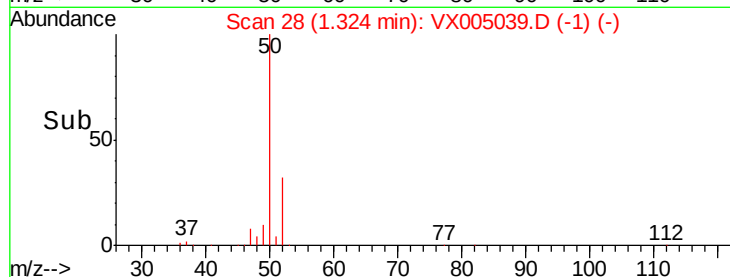


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 51.820 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005039.D

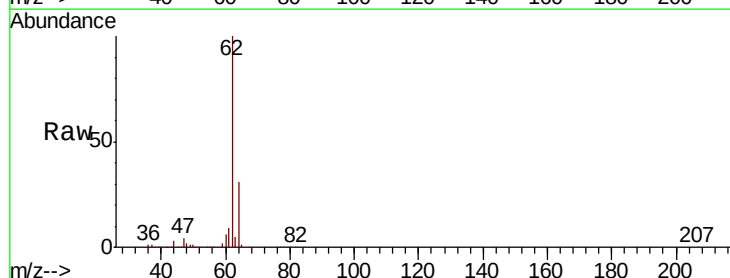
Acq: 05 Oct 2018 00:30

Tgt Ion: 62 Resp: 171601

Ion Ratio Lower Upper

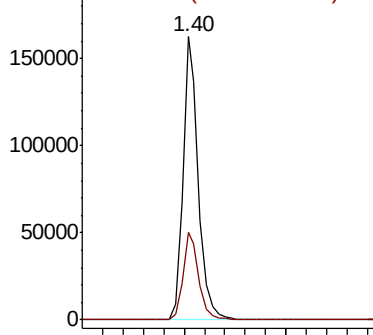
62 100

64 30.9 25.5 38.3

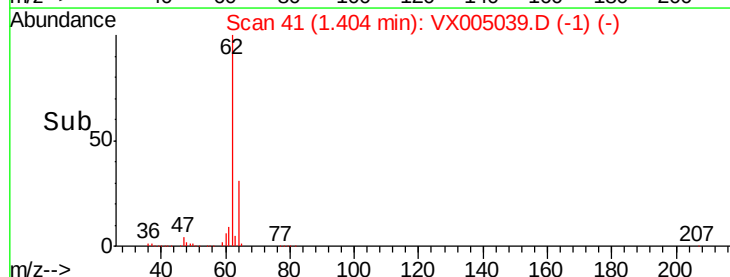


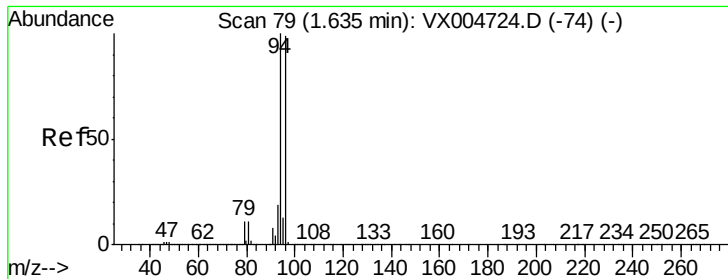
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 57.787 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 94 Resp: 113476

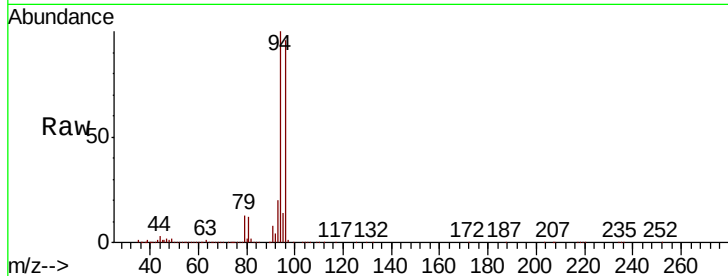
Ion Ratio Lower Upper

94 100

96 95.6 79.5 119.3

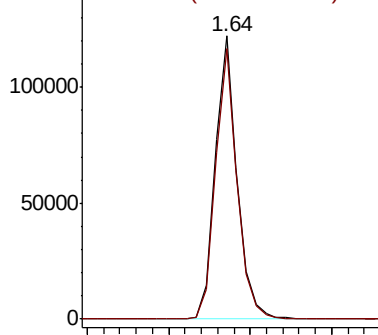
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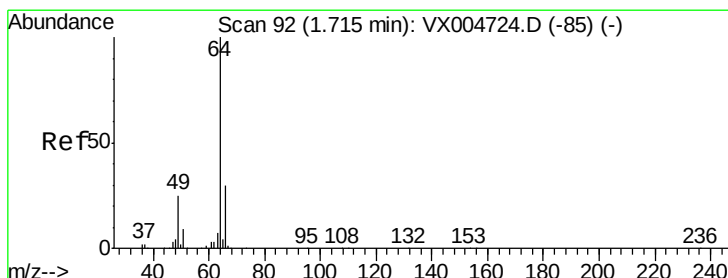
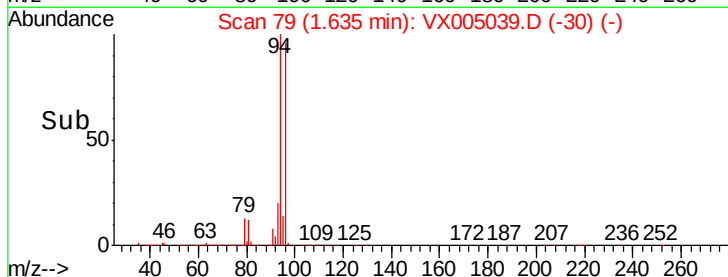


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 55.274 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005039.D

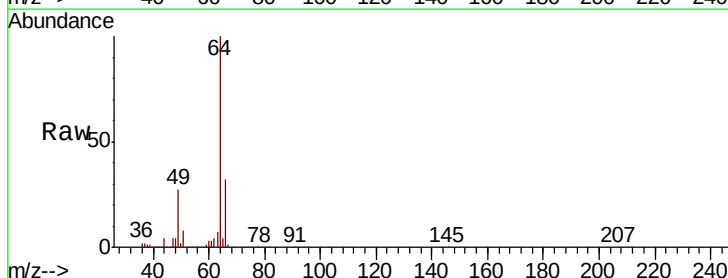
Acq: 05 Oct 2018 00:30

Tgt Ion: 64 Resp: 99309

Ion Ratio Lower Upper

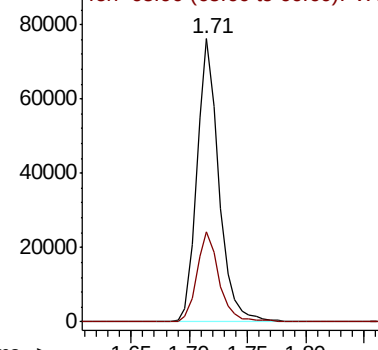
64 100

66 32.0 23.8 35.6

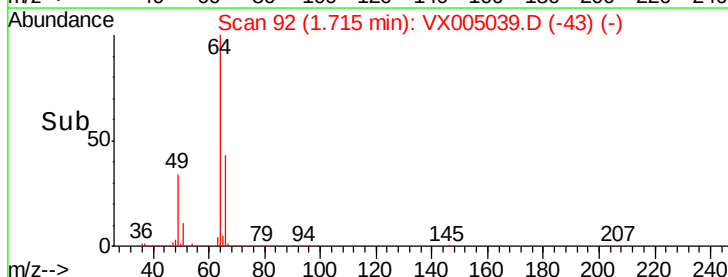


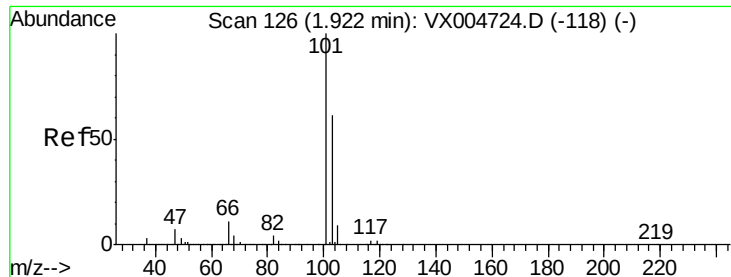
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

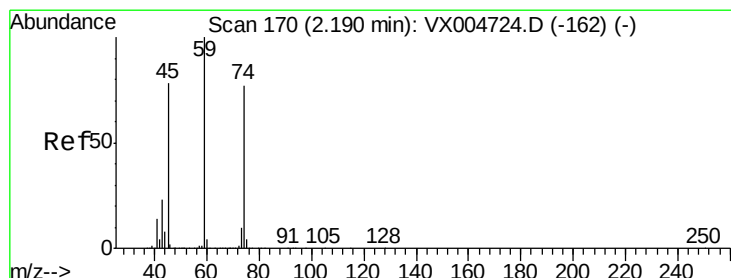
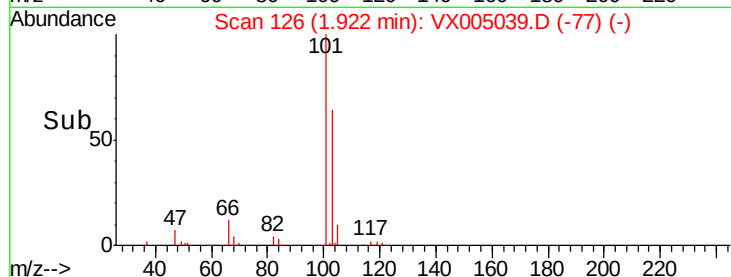
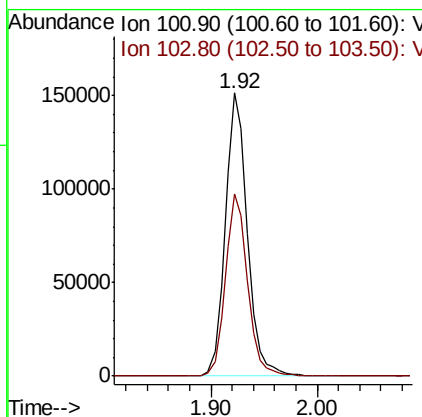
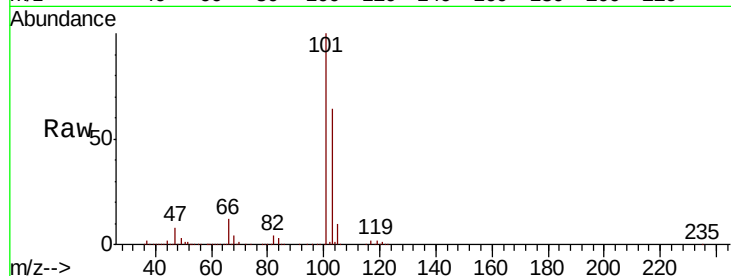
Trichlorofluoromethane
Concen: 53.405 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	218938		
103	64.4	48.4	72.6	

Manual Integrations
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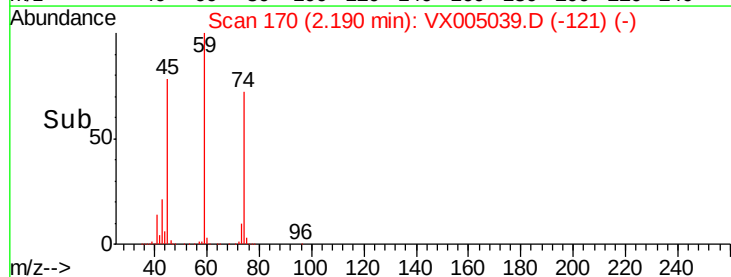
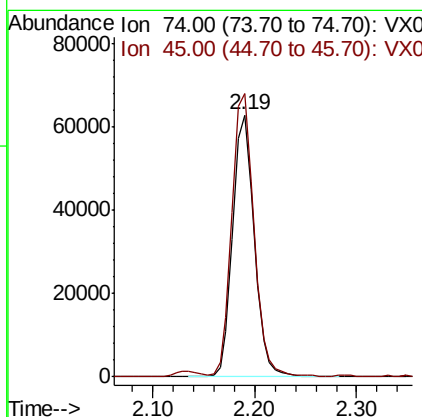
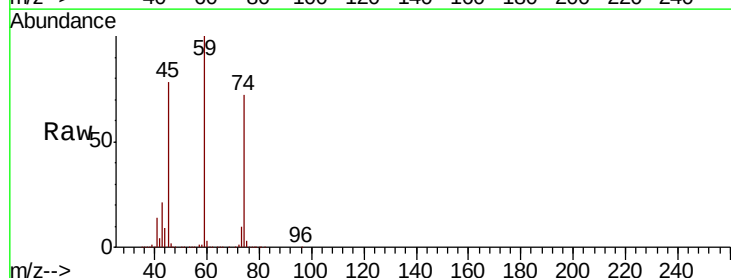
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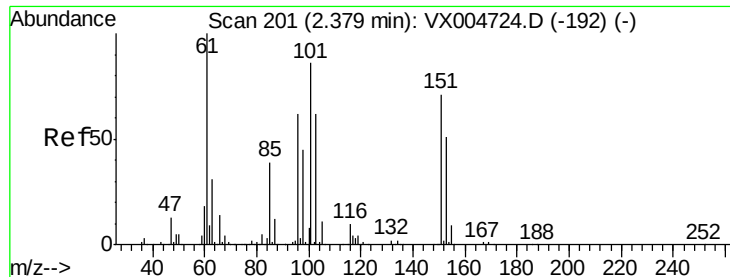


#8

Diethyl Ether
Concen: 51.453 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	91637		
45	110.2	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.718 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

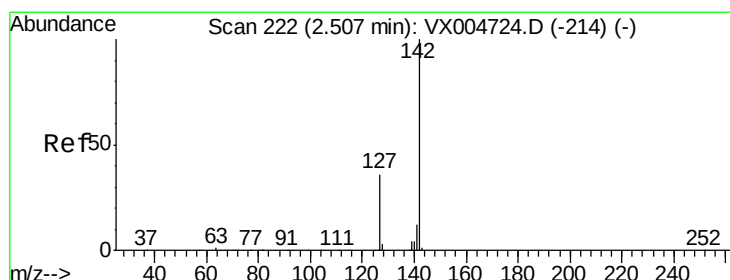
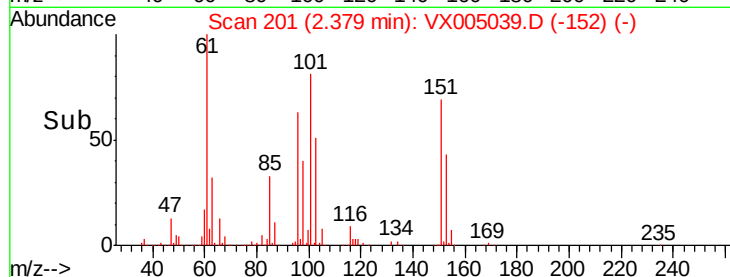
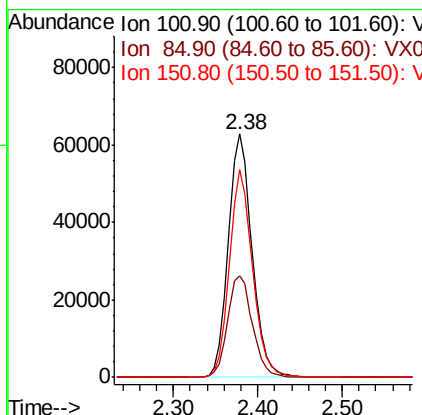
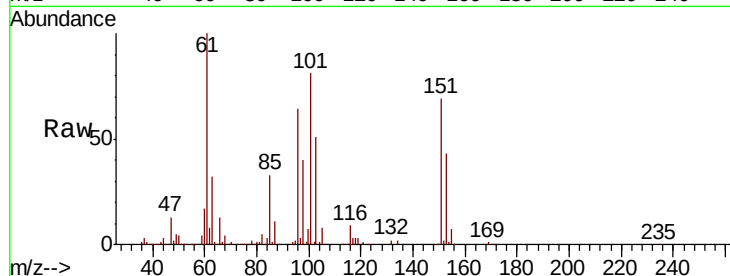
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	101	Resp:	120774
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.9	53.9
151	83.3	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.412 ug/l

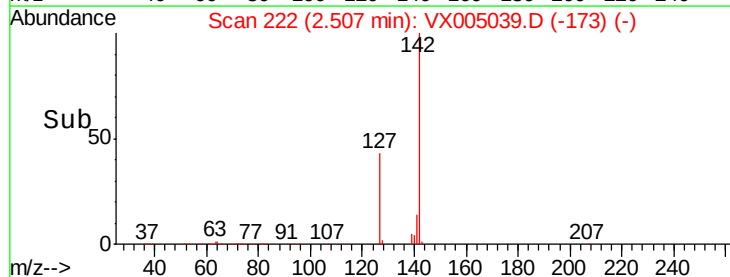
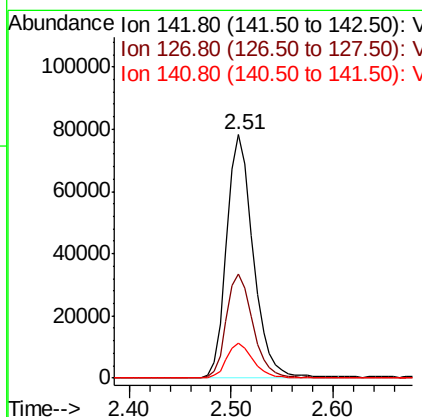
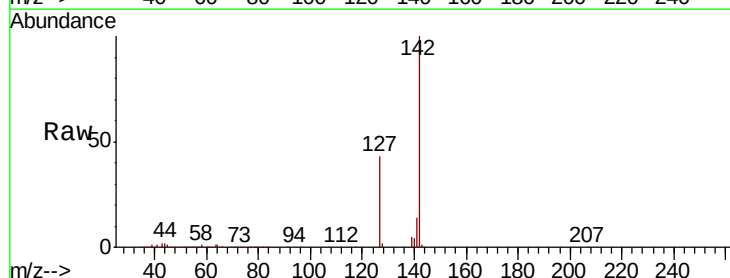
RT: 2.51 min Scan# 222

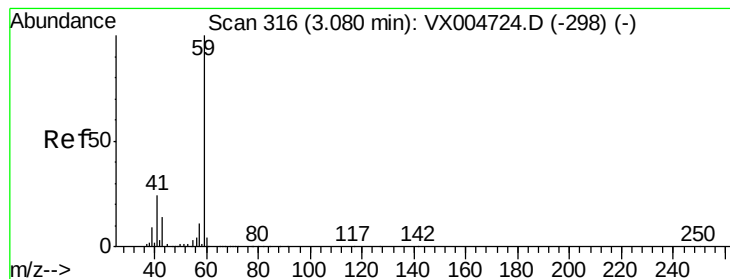
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	142	Resp:	141908
Ion Ratio	Lower	Upper	
142	100		
127	43.0	30.1	45.1
141	14.2	10.1	15.1





#11

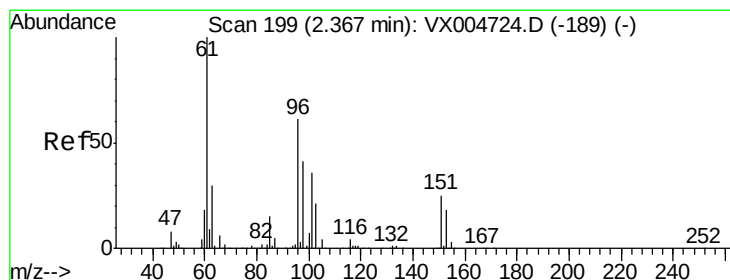
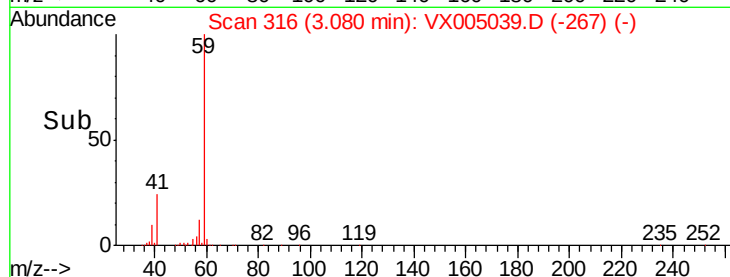
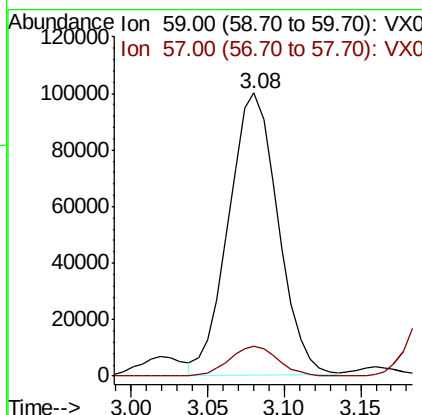
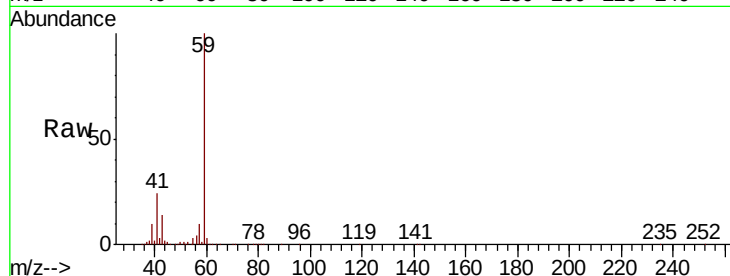
Tert butyl alcohol
Concen: 262.789 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

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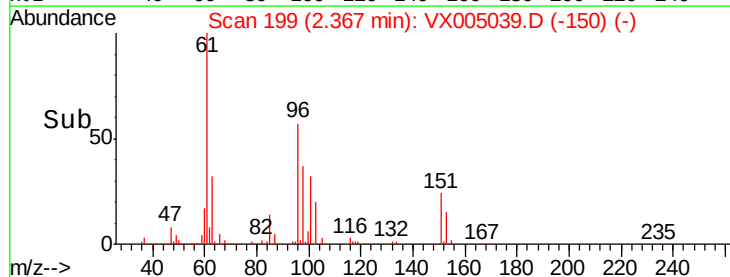
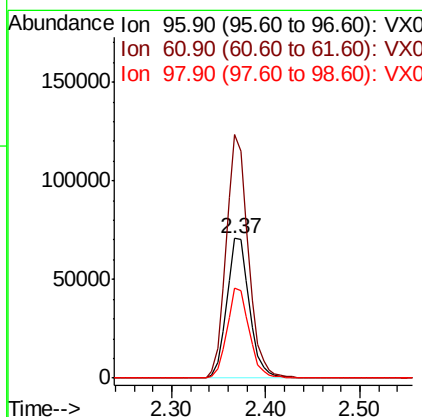
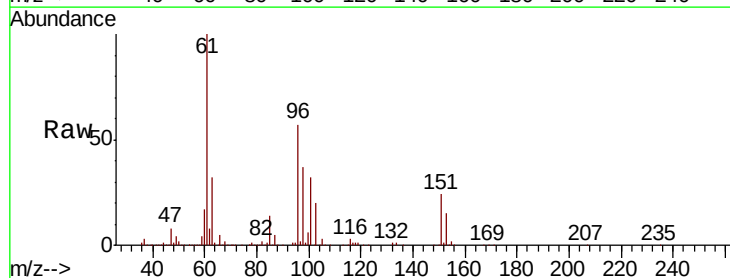
MMDadoda
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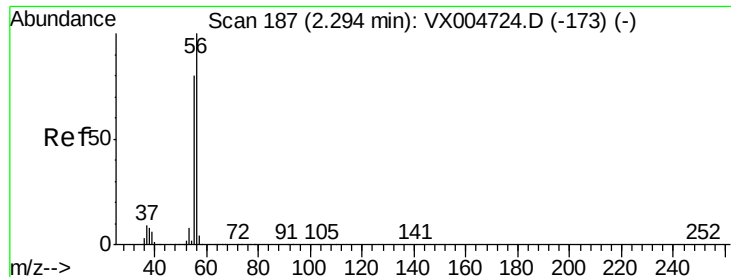


#12

1,1-Dichloroethene
Concen: 51.108 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.5	130.2	195.4
98	64.8	53.4	80.0





#13

Acrolein

Concen: 64.450 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 56 Resp: 39093

Ion Ratio Lower Upper

56 100

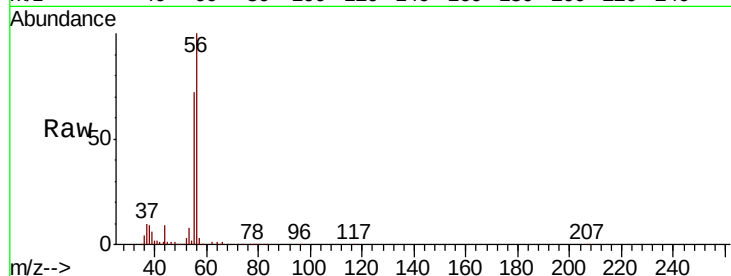
55 71.3 63.4 95.2

Manual Integrations

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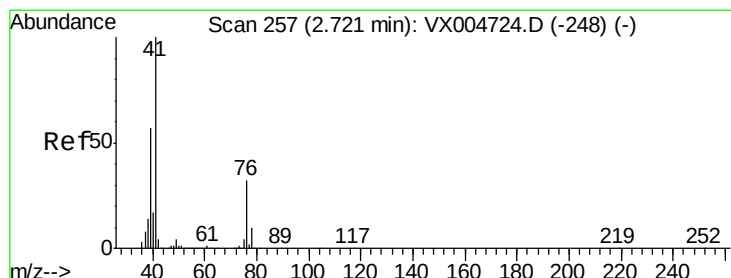
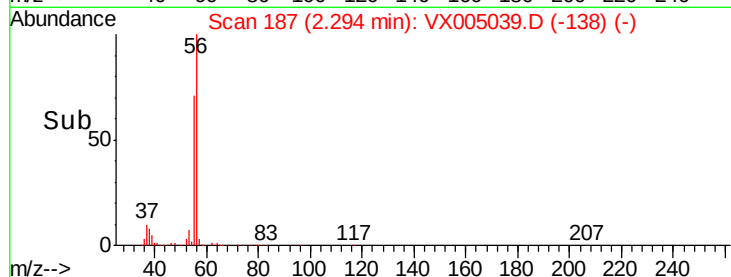
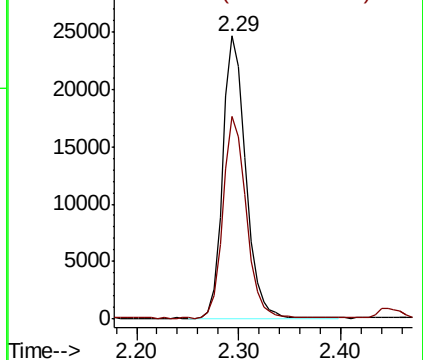
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.711 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

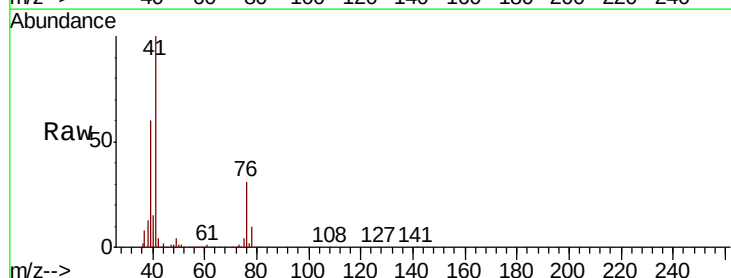
Tgt Ion: 41 Resp: 265984

Ion Ratio Lower Upper

41 100

39 57.5 44.1 66.1

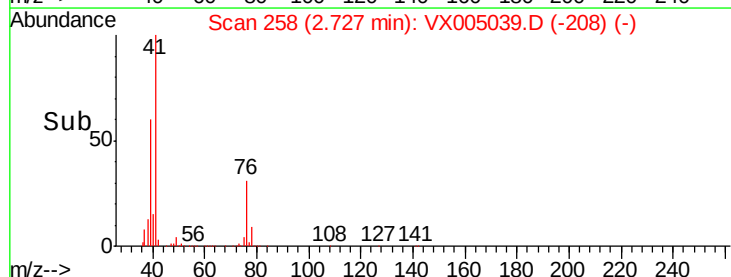
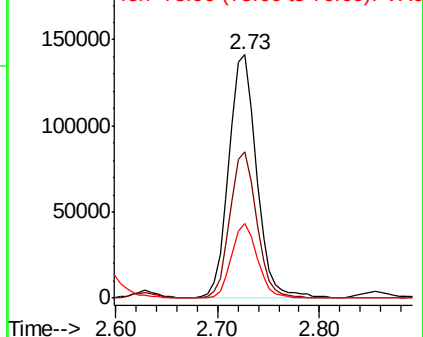
76 28.7 25.0 37.4

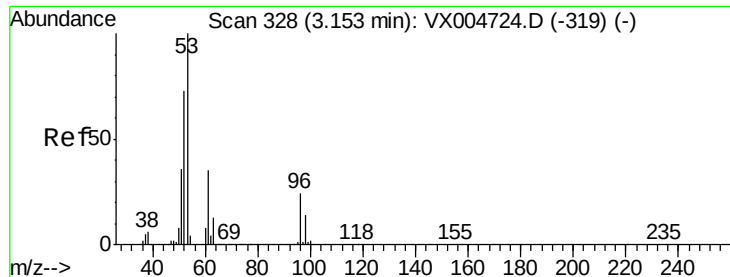


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 275.087 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

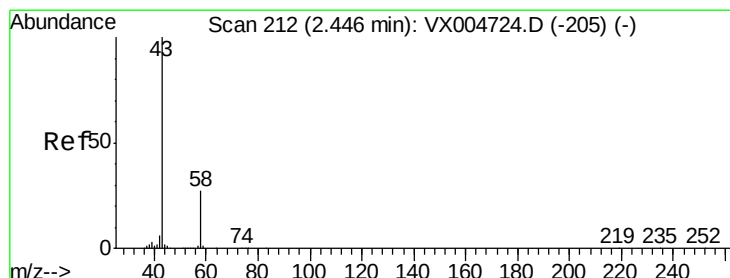
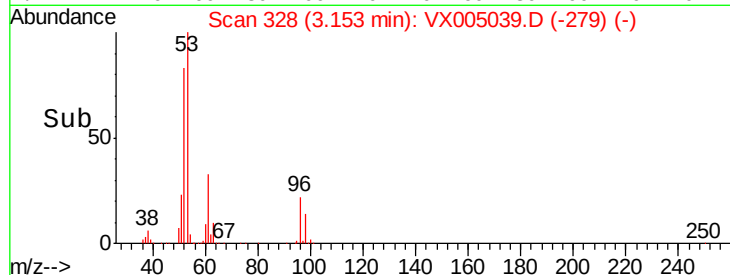
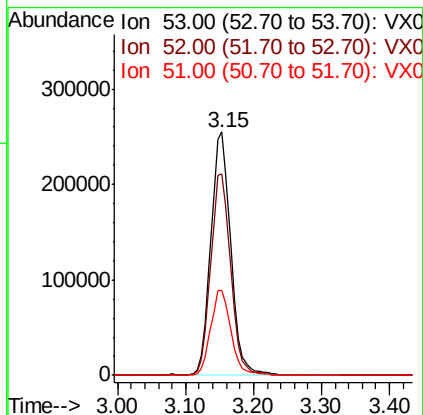
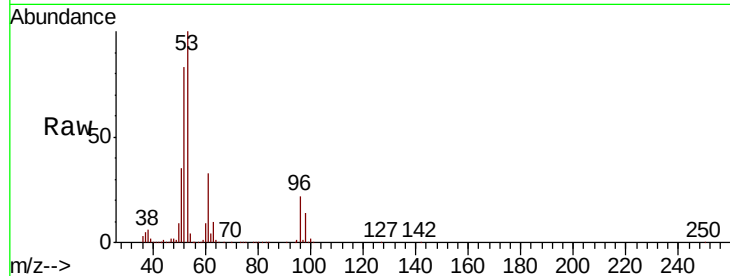
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	53	Resp:	516264
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.0	94.4
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 256.657 ug/l

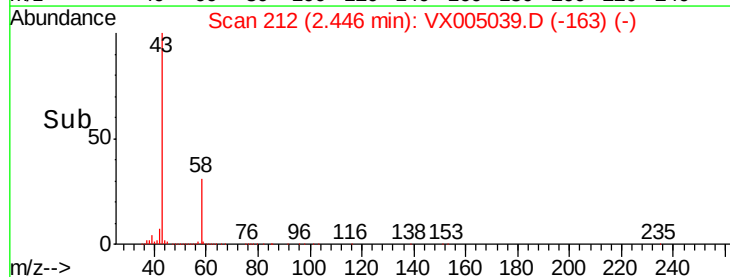
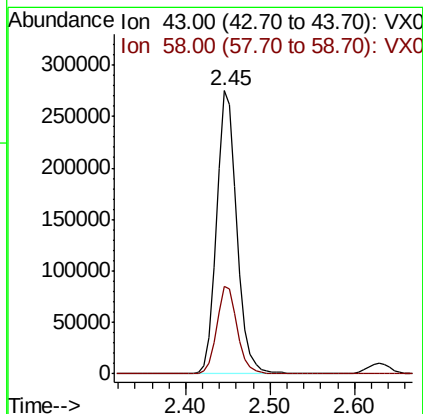
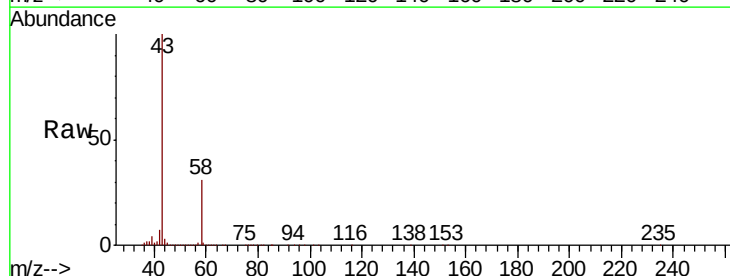
RT: 2.45 min Scan# 212

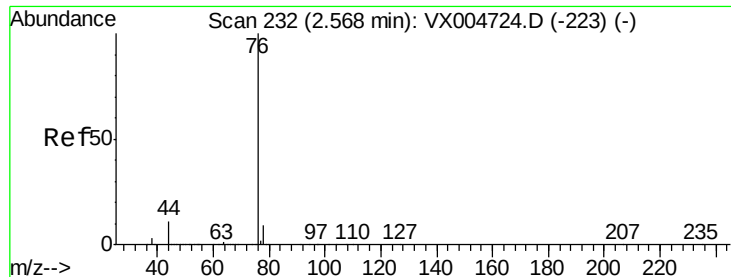
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	43	Resp:	456863
Ion	Ratio	Lower	Upper
43	100		
58	31.1	21.8	32.6





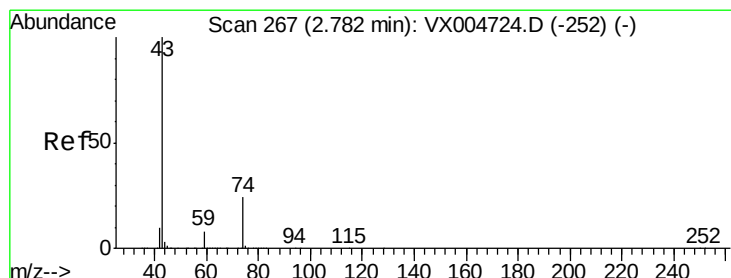
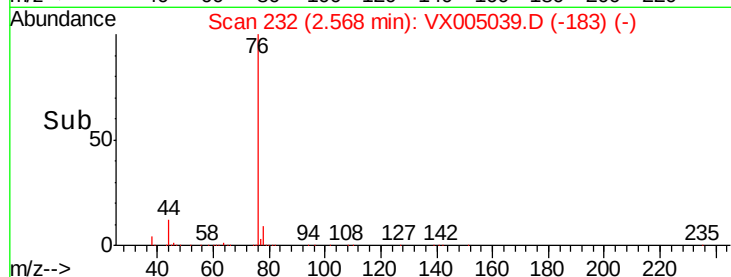
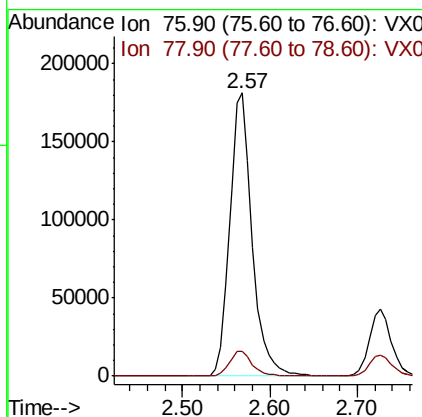
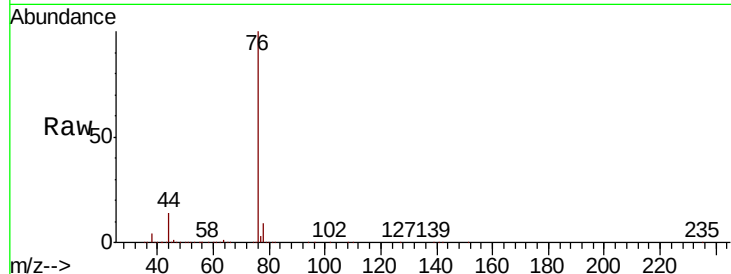
#17
Carbon Disulfide
Concen: 46.355 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

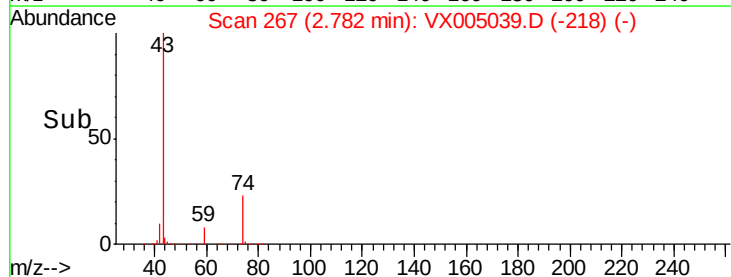
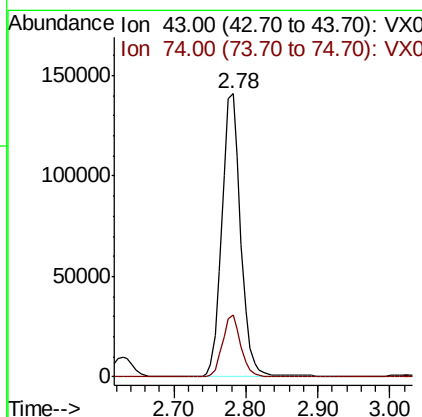
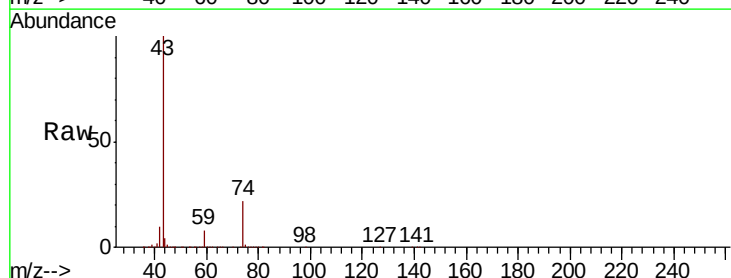
Manual Integrations
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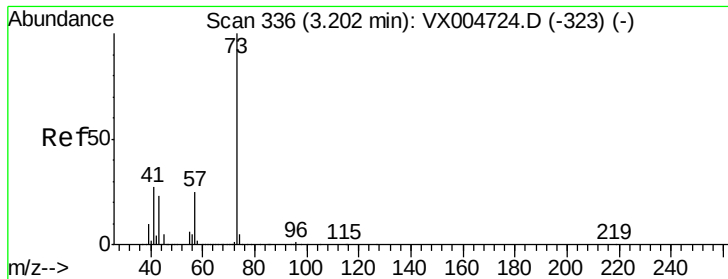
MMDadoda
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#18
Methyl Acetate
Concen: 56.965 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.8





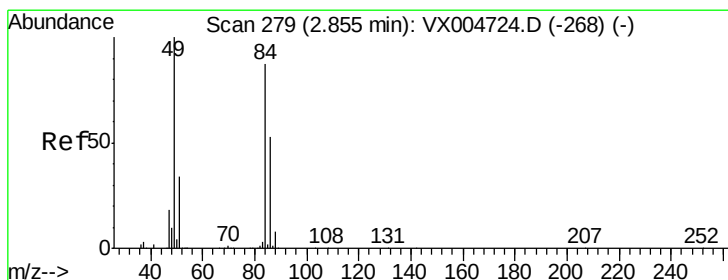
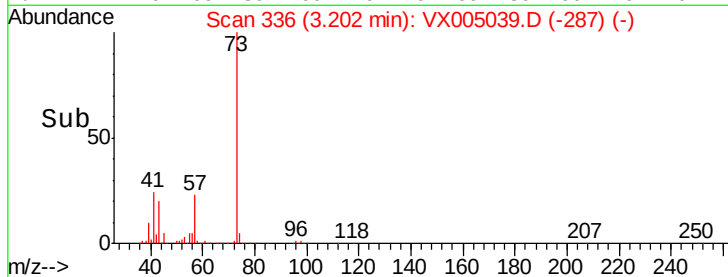
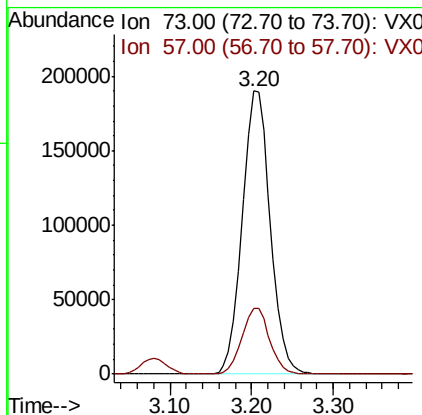
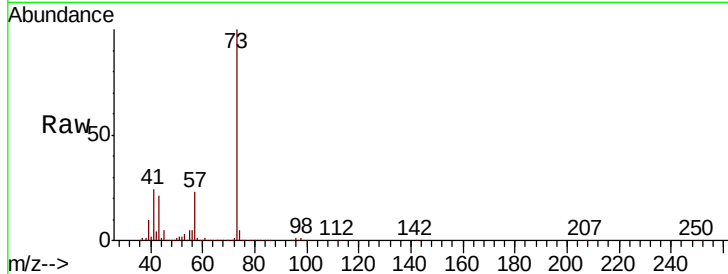
#19
Methyl tert-butyl Ether
Concen: 56.814 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.9	29.9

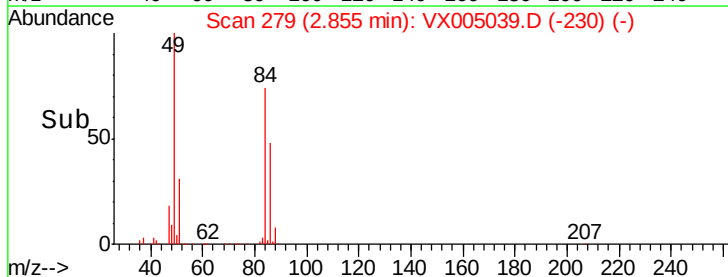
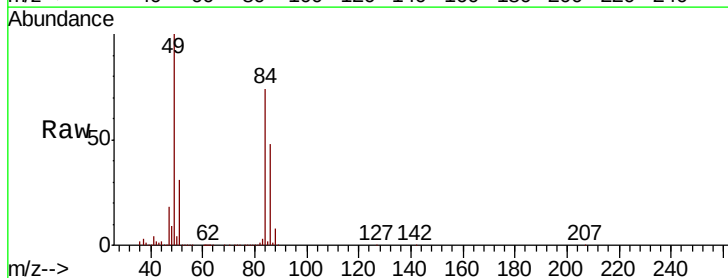
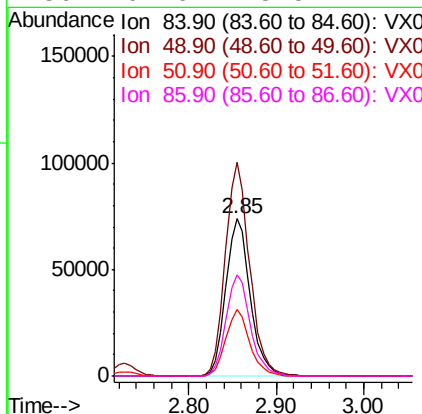
Manual Integrations
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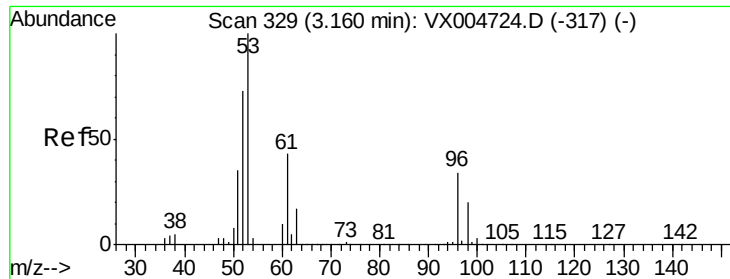
MMDadoda
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#20
Methylene Chloride
Concen: 55.178 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.7	92.3	138.5
51	42.2	31.8	47.6
86	64.6	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 50.471 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005039.D

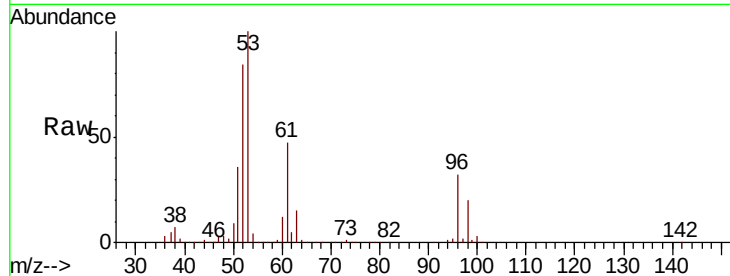
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

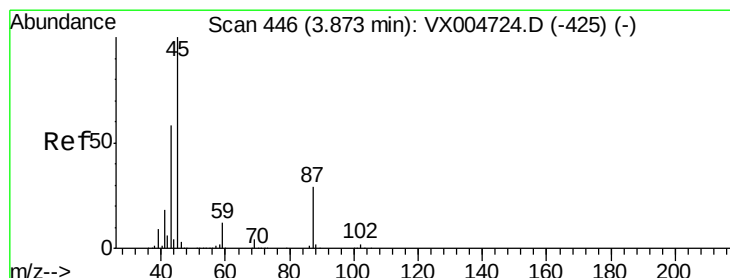
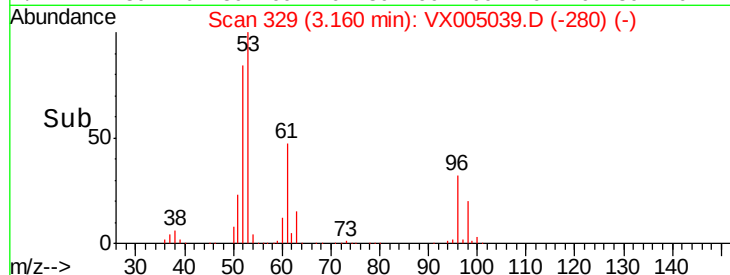
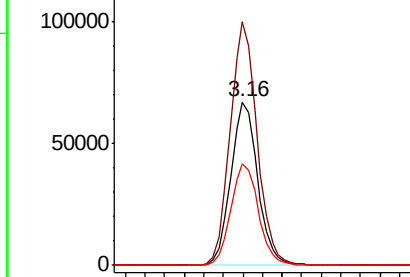
Tot Ion:	96	Resp:	127774
Ion	Ratio	Lower	Upper
96	100		
61	148.8	101.0	151.6
98	62.5	47.2	70.8

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



#22

Diisopropyl ether

Concen: 54.357 ug/l

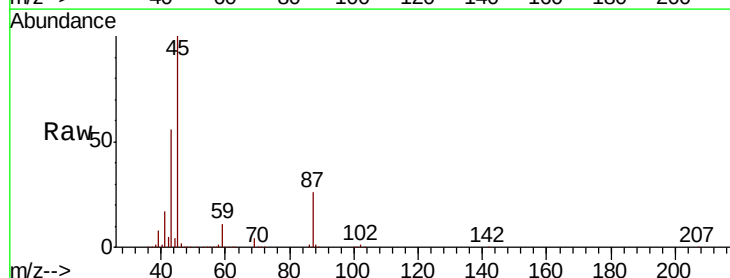
RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

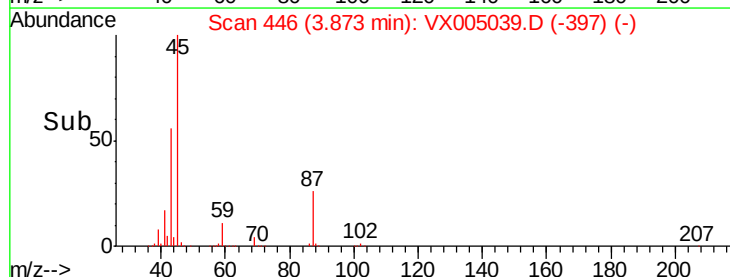
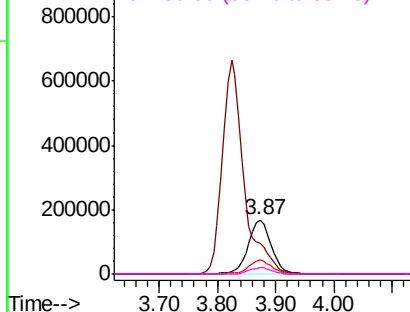
Lab File: VX005039.D

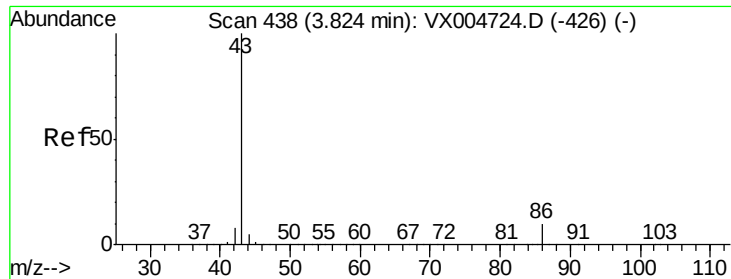
Acq: 05 Oct 2018 00:30

Tgt Ion:	45	Resp:	461882
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.7	70.1
87	26.1	22.9	34.3
59	10.9	9.3	13.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 220.783 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 43 Resp: 1717241

Ion Ratio Lower Upper

43 100

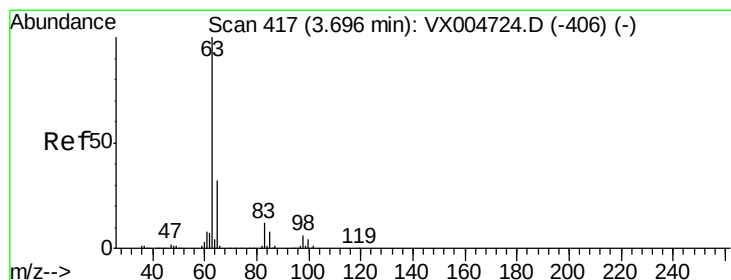
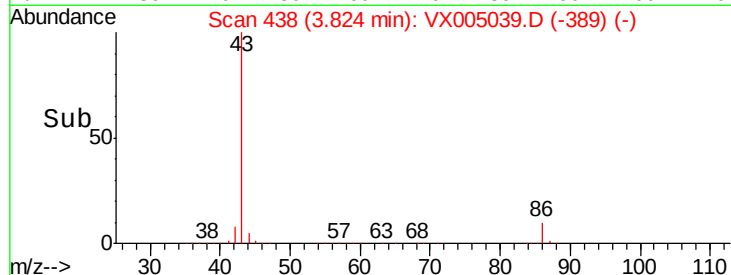
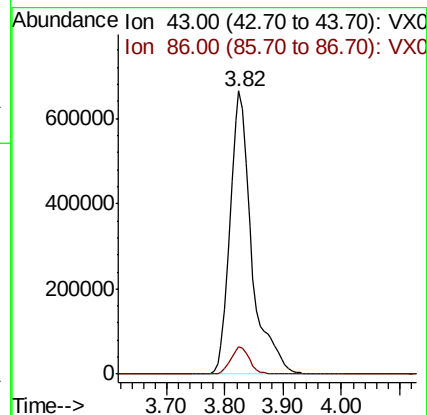
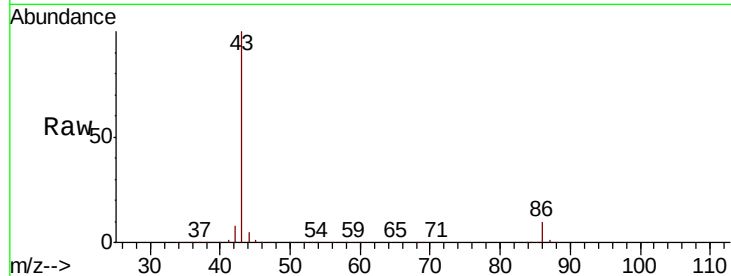
86 9.5 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 51.624 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

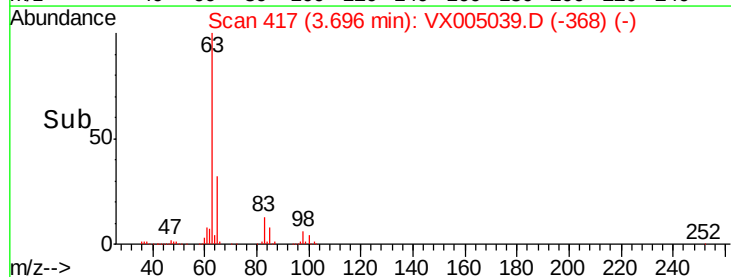
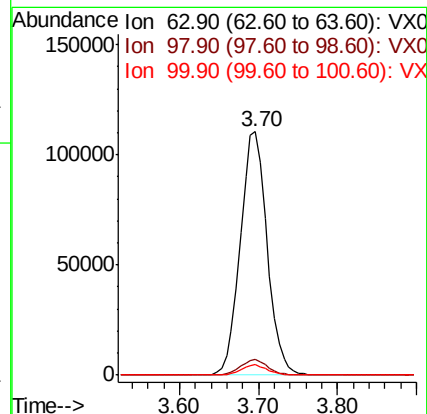
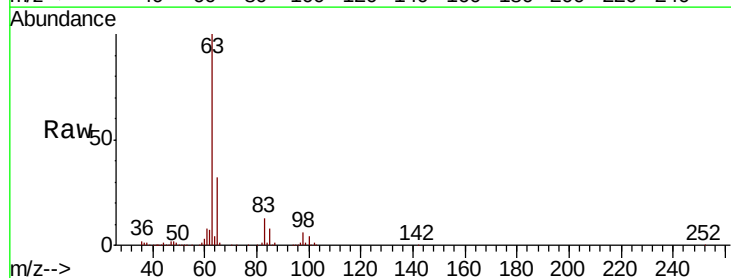
Tgt Ion: 63 Resp: 261665

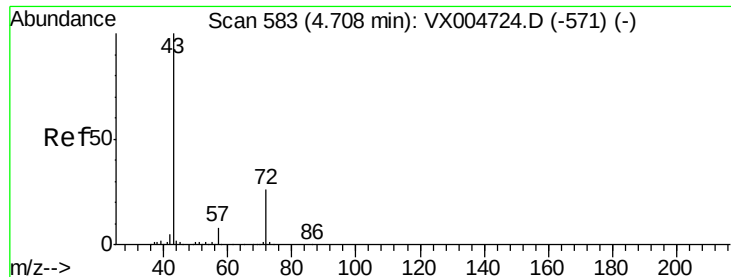
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 261.532 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 43 Resp: 686222

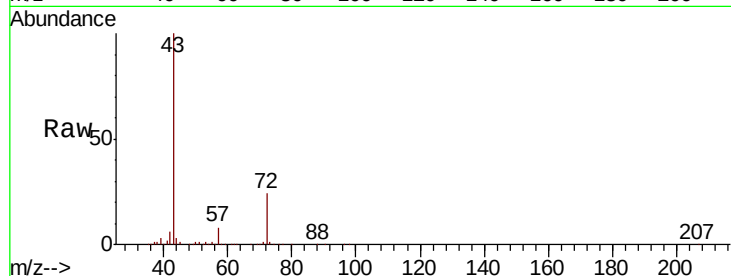
Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2

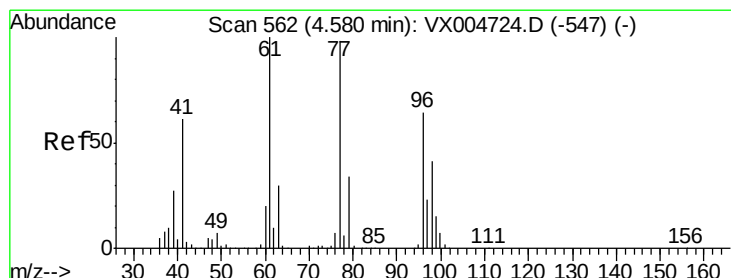
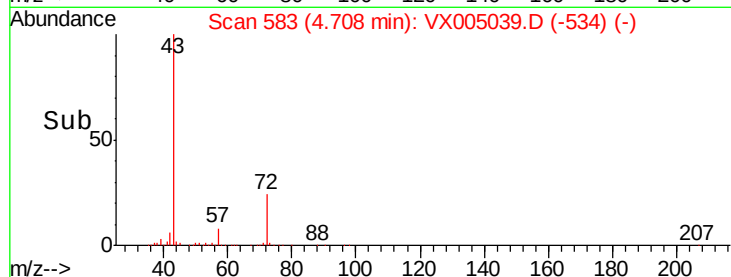
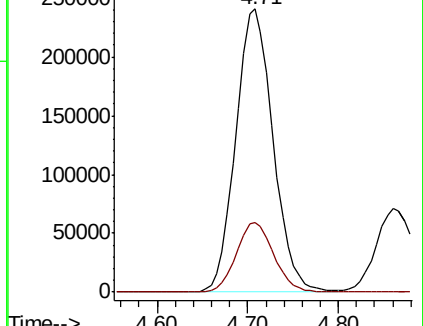
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.636 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005039.D

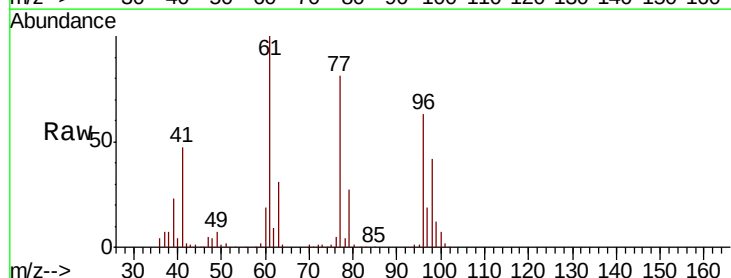
Acq: 05 Oct 2018 00:30

Tgt Ion: 77 Resp: 136368

Ion Ratio Lower Upper

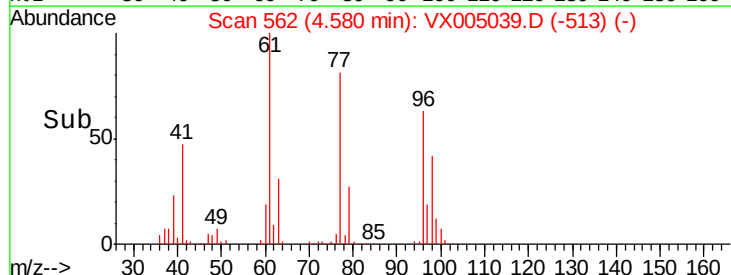
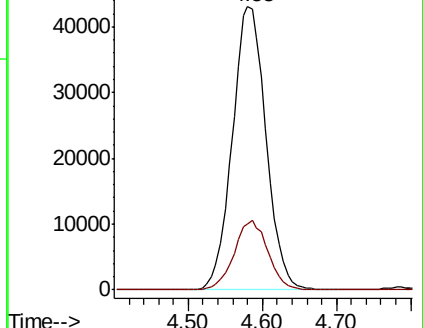
77 100

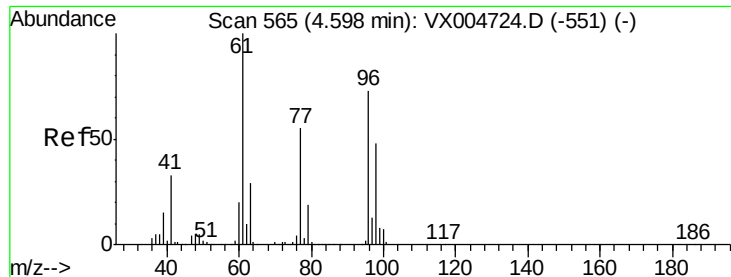
97 24.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

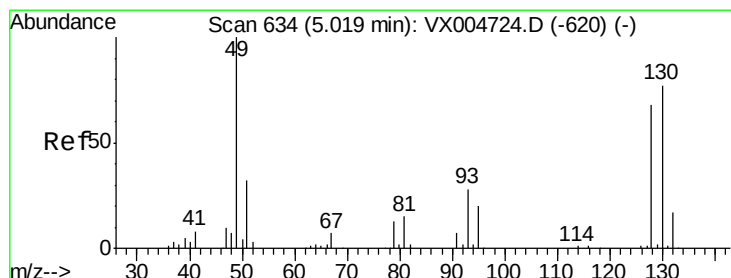
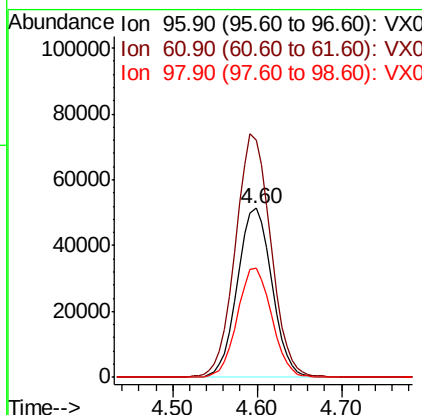
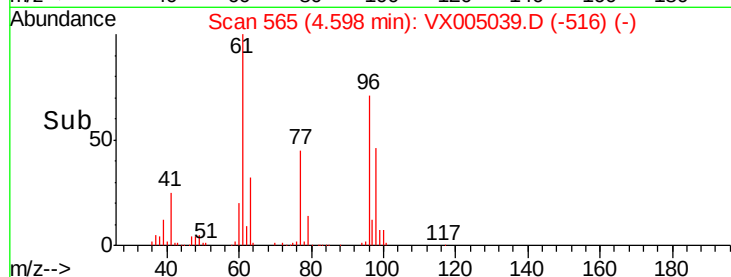
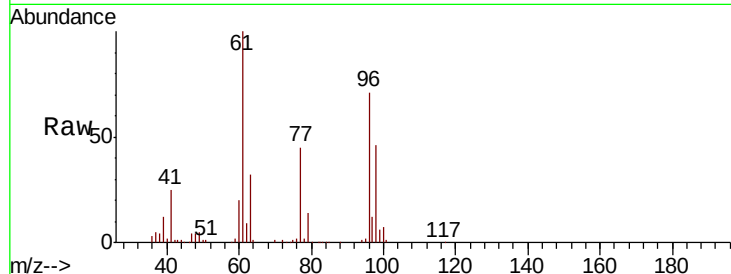
cis-1,2-Dichloroethene
Concen: 50.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142931		
61	146.2	0.0	285.8	
98	64.4	0.0	136.2	

Manual Integrations
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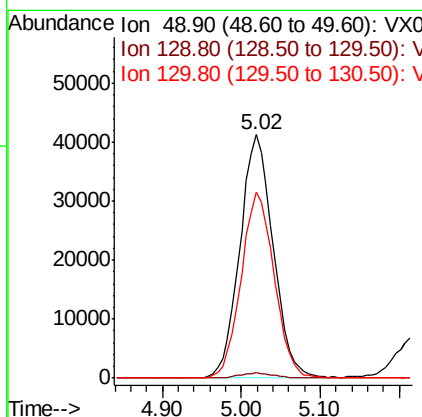
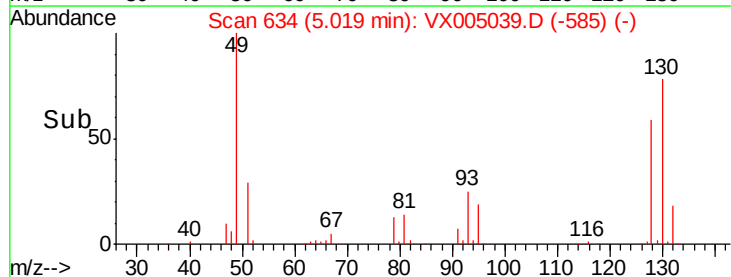
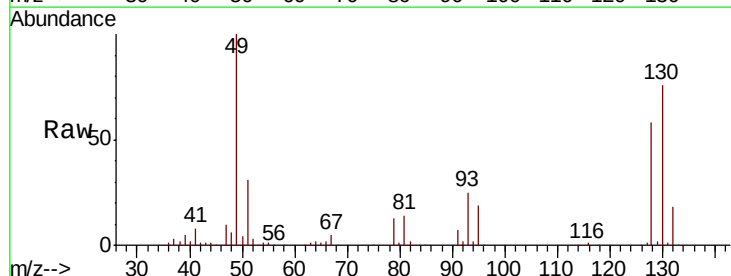
MMDadoda
10/5/2018 3:24:52 PM

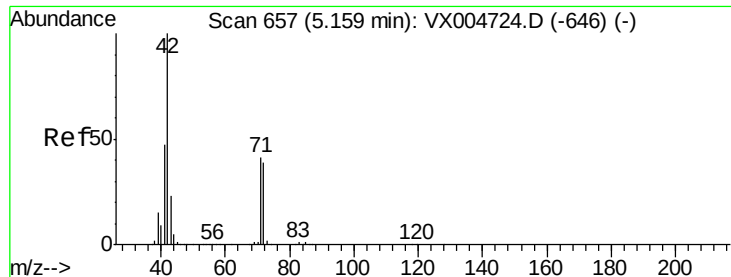


#28

Bromochloromethane
Concen: 50.853 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121380		
129	2.2	0.0	4.2	
130	75.6	62.0	93.0	





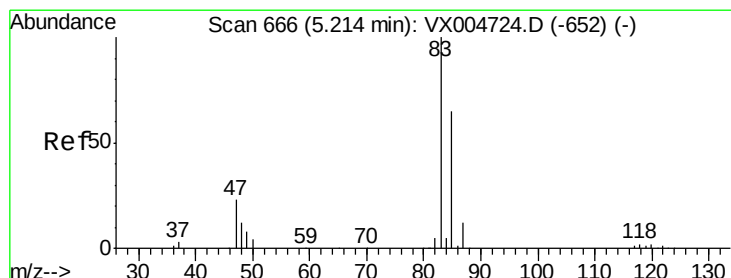
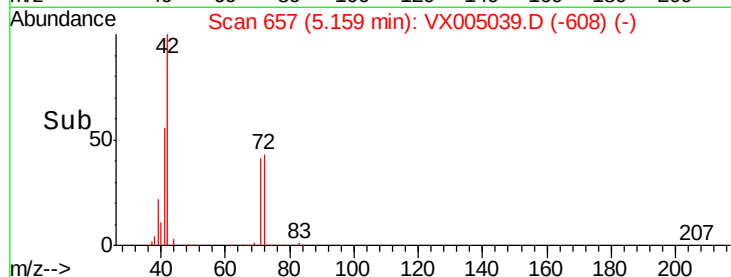
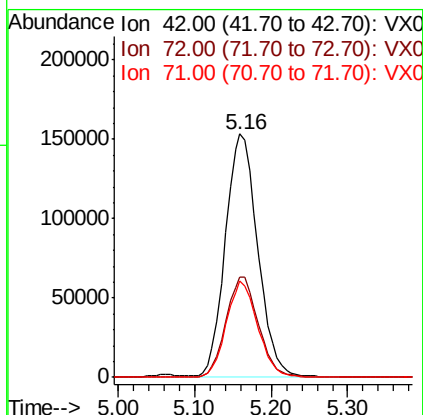
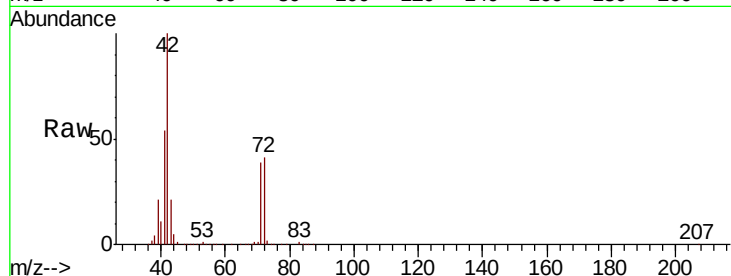
#29
Tetrahydrofuran
Concen: 274.762 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.7	50.5
71	38.5	32.2	48.4

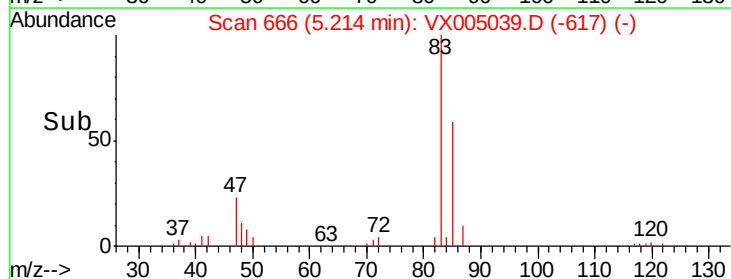
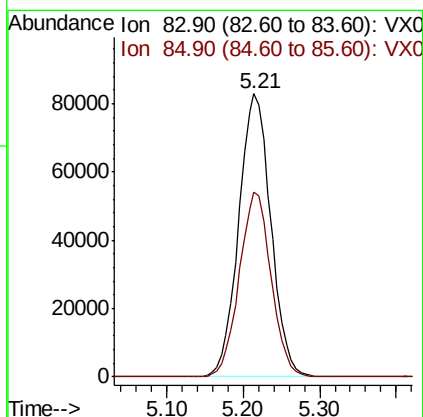
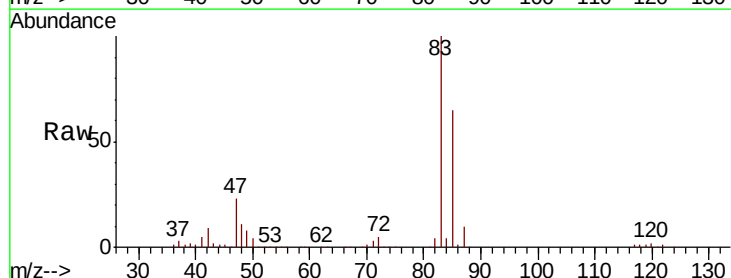
Manual Integrations
APPROVED

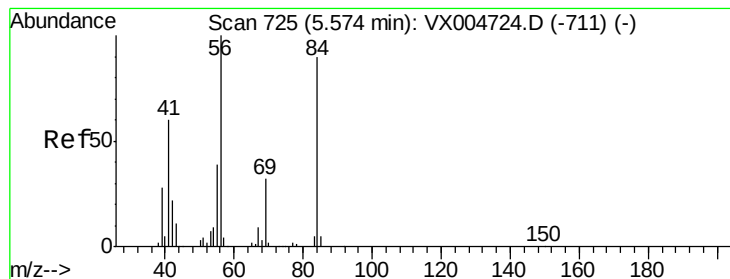
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#30
Chloroform
Concen: 50.427 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





#31

Cyclohexane

Concen: 52.761 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 56 Resp: 204682

Ion Ratio Lower Upper

56 100

69 29.4 25.9 38.9

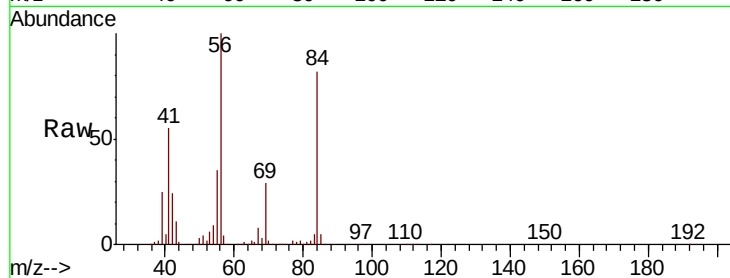
84 81.2 71.9 107.9

Manual Integrations

APPROVED

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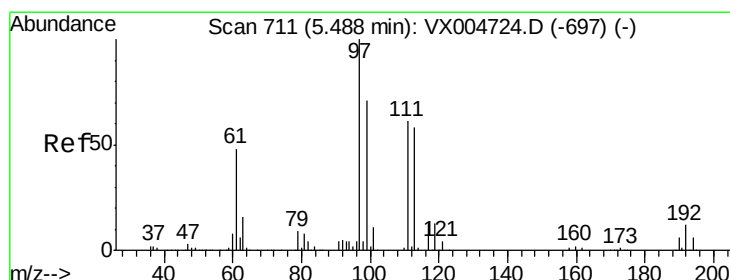
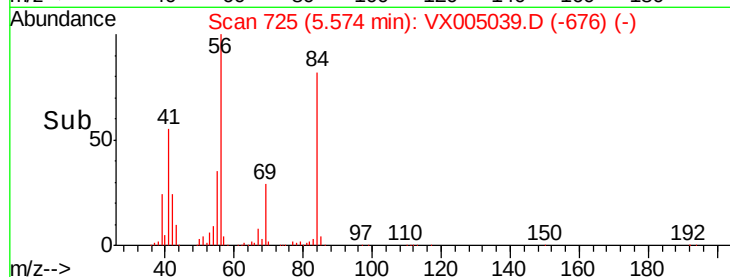
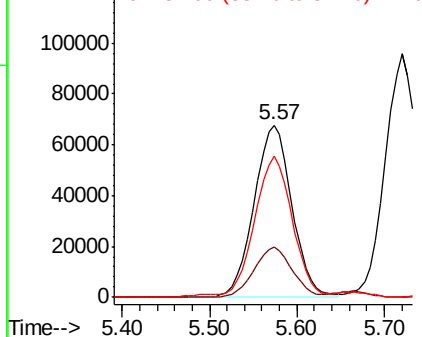
10/5/2018 3:24:52 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.051 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

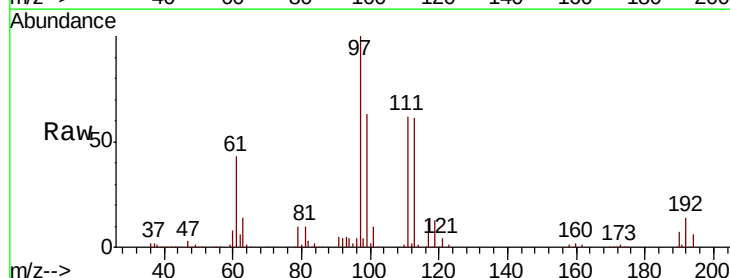
Tgt Ion: 97 Resp: 203635

Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

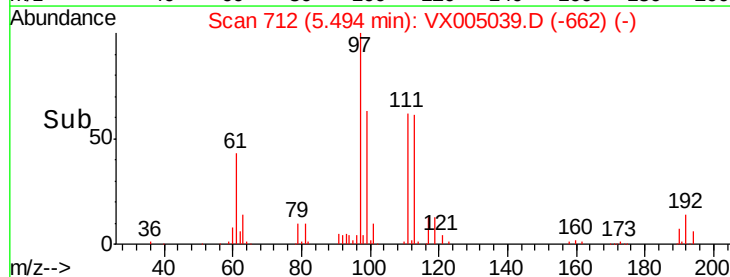
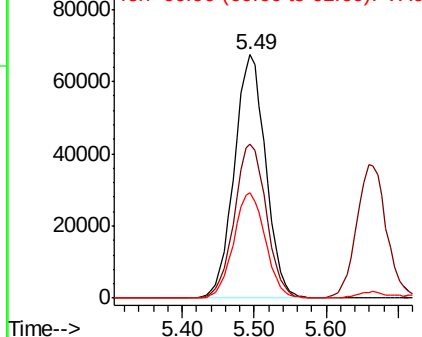
61 44.0 37.5 56.3

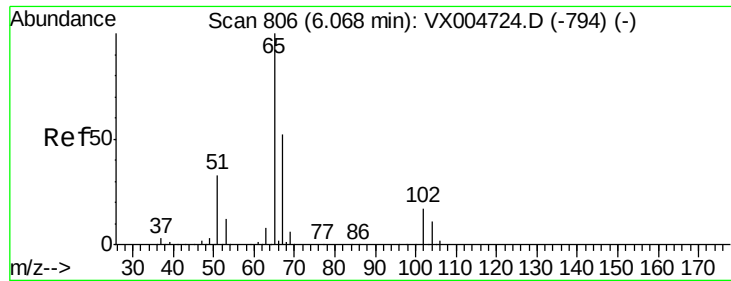


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





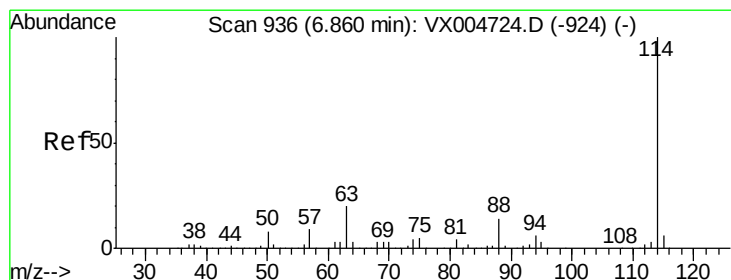
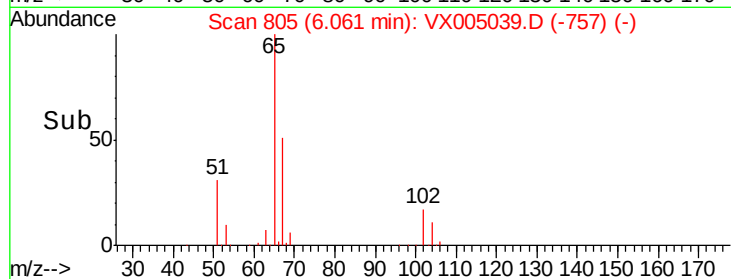
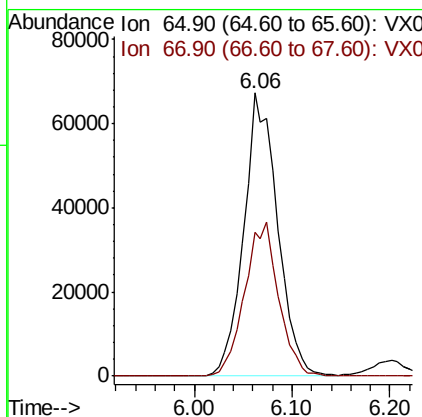
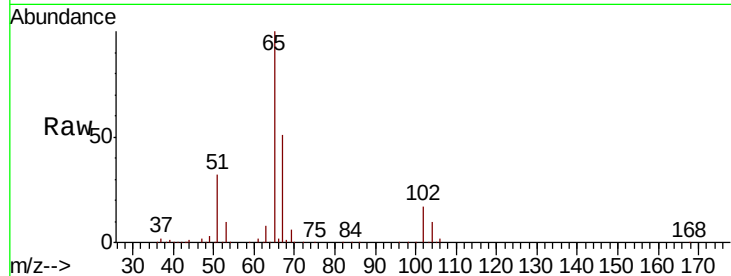
#33
 1,2-Dichloroethane-d4
 Concen: 53.118 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	107.4

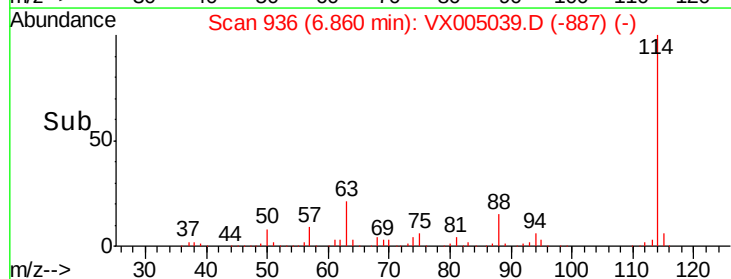
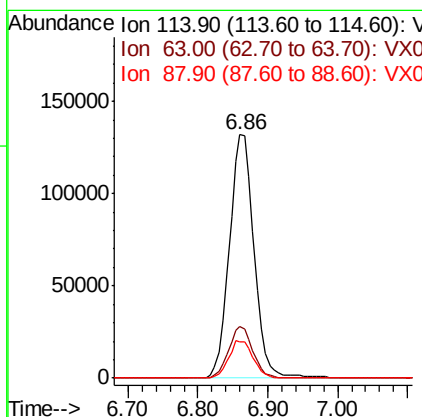
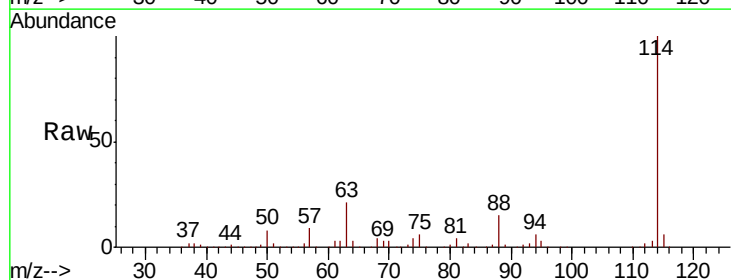
Manual Integrations
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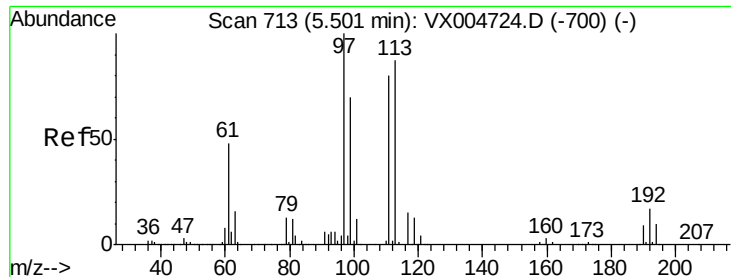
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.8
88	15.1	0.0	27.0





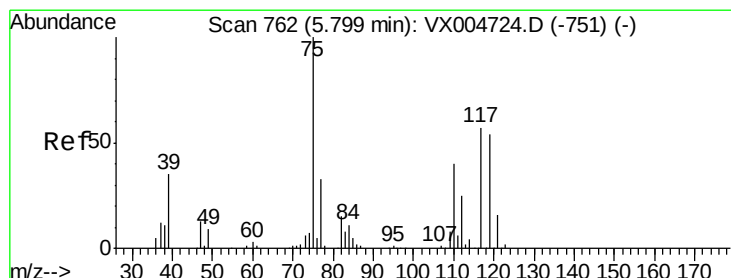
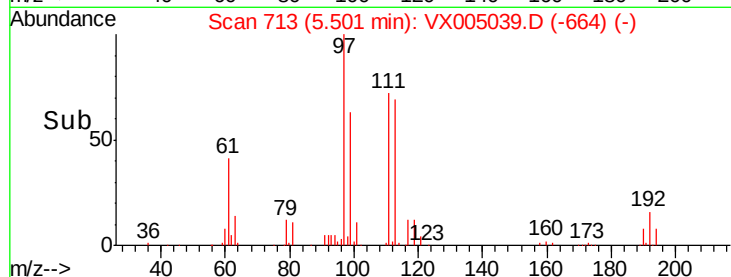
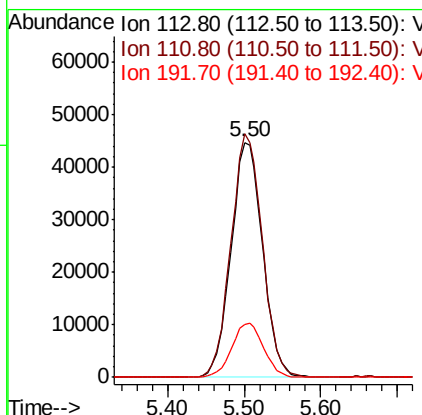
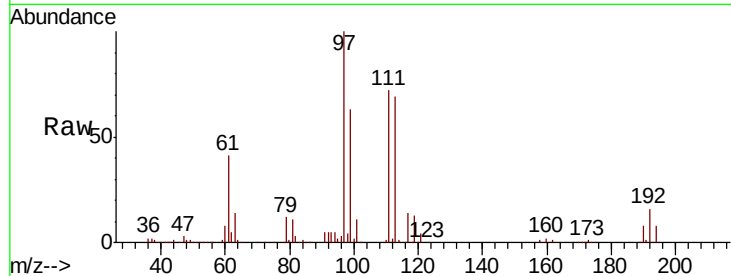
#35
 Dibromofluoromethane
 Concen: 46.636 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	77.0	115.4
192	23.2	17.0	25.6

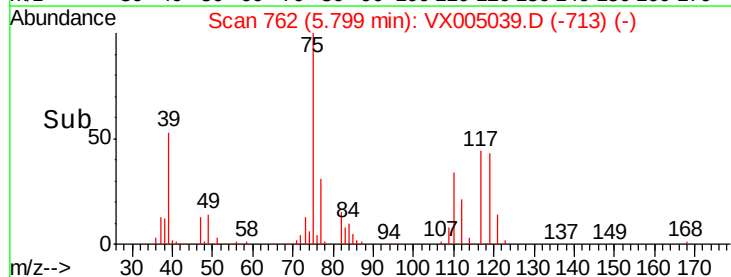
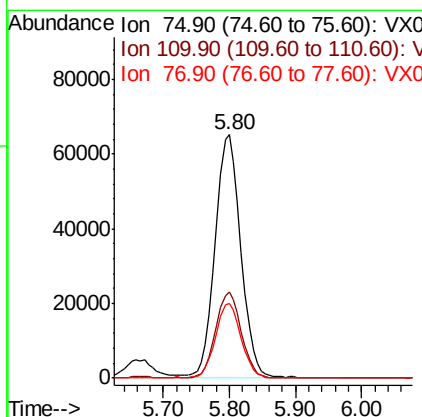
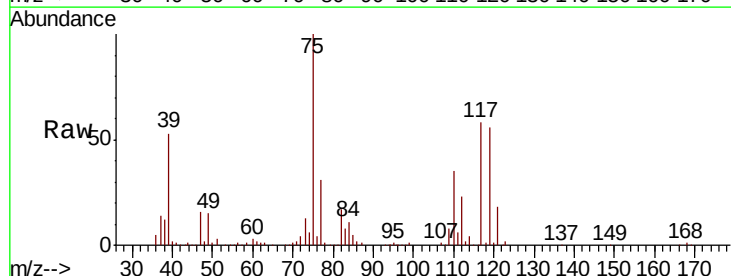
Manual Integrations
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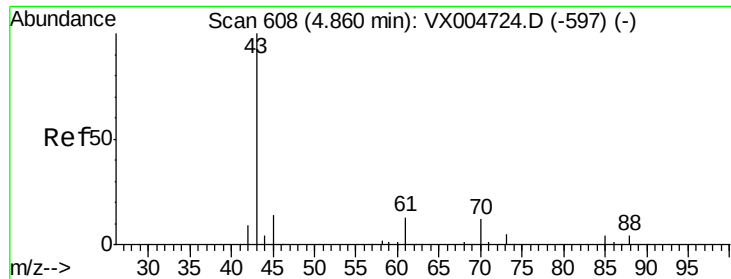
MMDadoda
 10/5/2018 3:24:52 PM



#36
 1,1-Dichloropropene
 Concen: 47.166 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	20.0	59.9
77	30.8	27.1	40.7





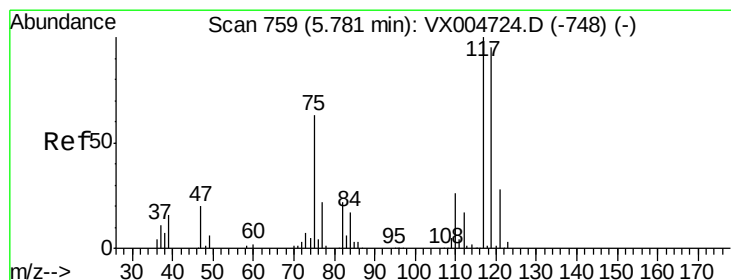
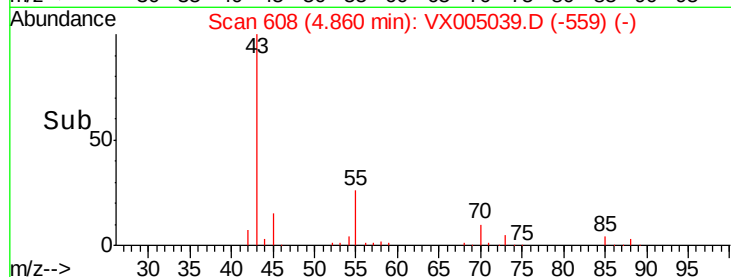
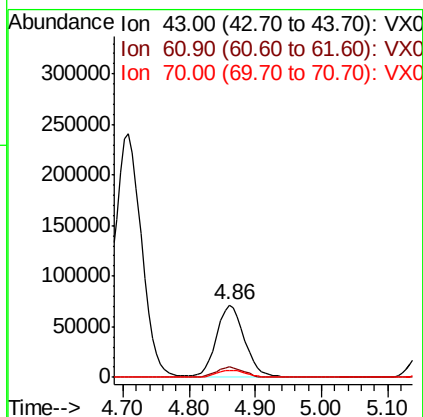
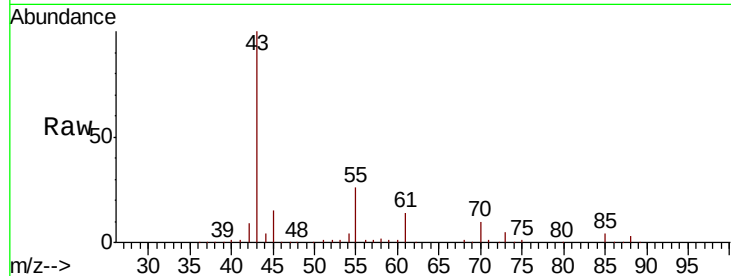
#37
Ethyl Acetate
Concen: 42.354 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.2	8.7	13.1

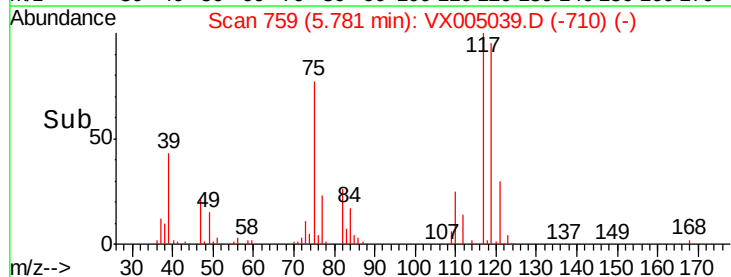
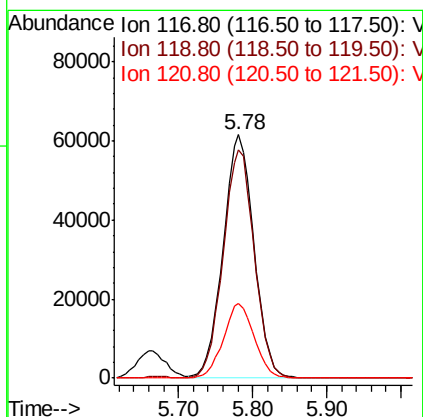
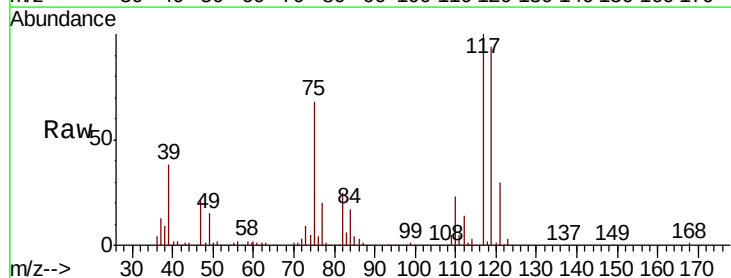
Manual Integrations
APPROVED

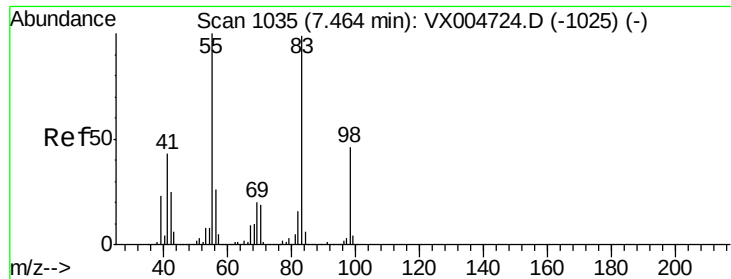
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#38
Carbon Tetrachloride
Concen: 45.319 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.2	112.8
121	30.5	22.5	33.7





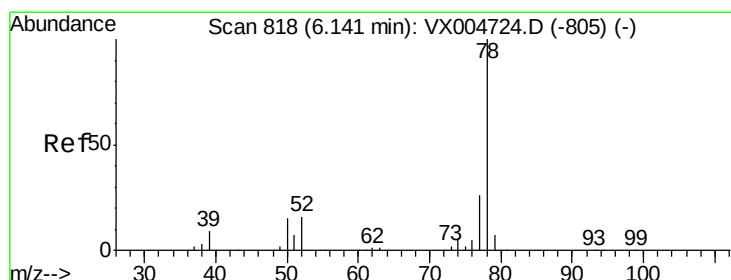
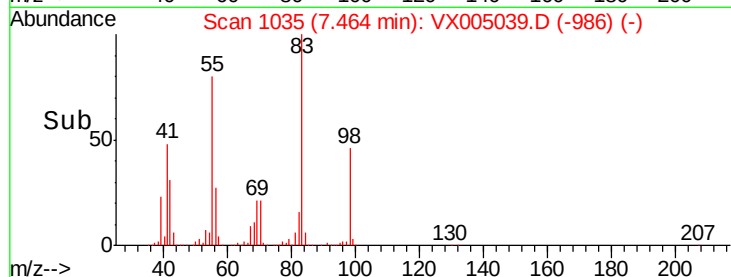
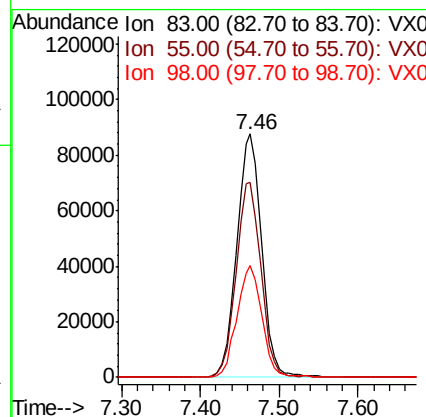
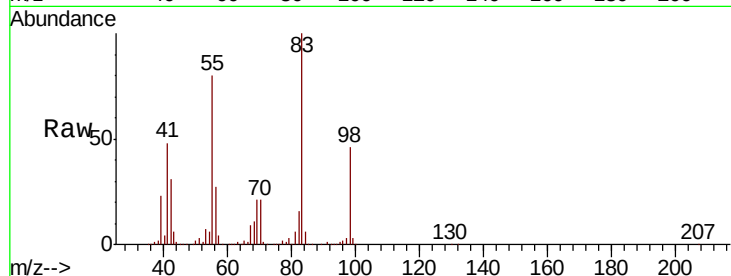
#39
Methylvlcyclohexane
Concen: 50.311 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	81.1	121.7#
98	46.0	37.3	55.9

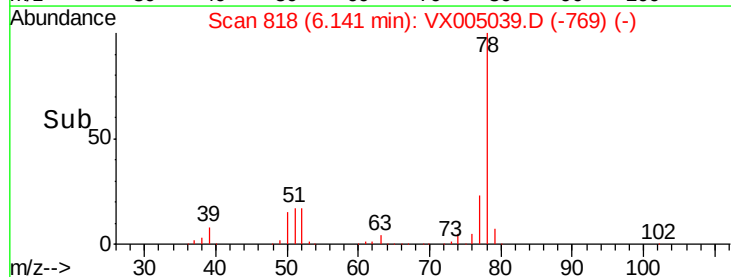
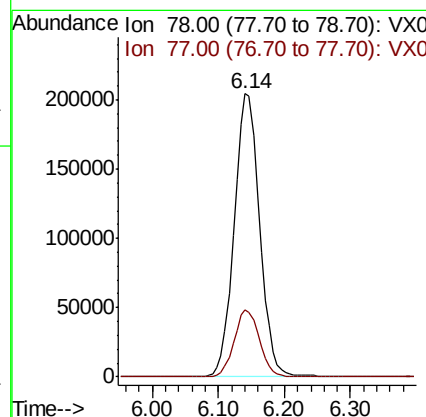
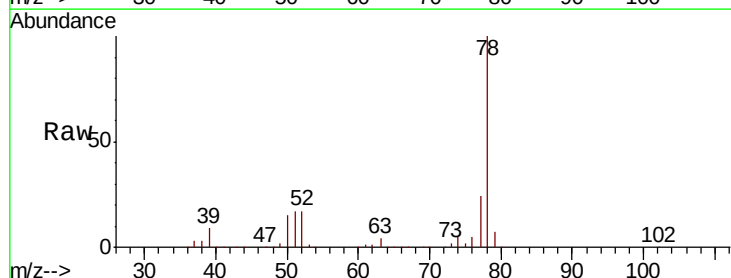
Manual Integrations
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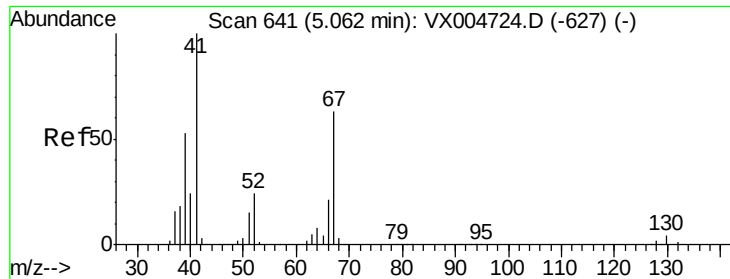
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10/5/2018 3:24:52 PM



#40
Benzene
Concen: 46.641 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	21.0	31.4





#41

Methacrylonitrile

Concen: 49.778 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 41 Resp: 136592

Ion Ratio Lower Upper

41 100

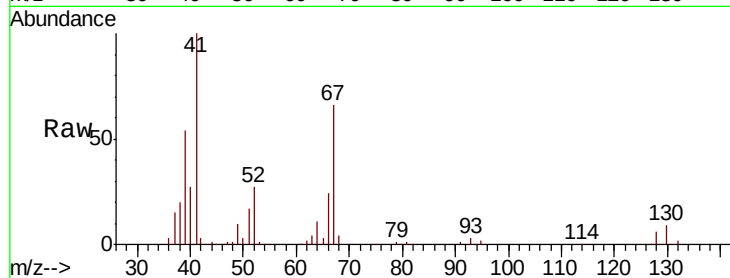
39 52.8 42.5 63.7

67 68.0 53.0 79.6

52 26.7 19.8 29.8

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:52 PM



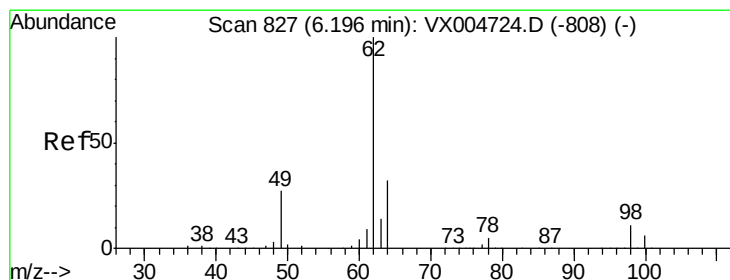
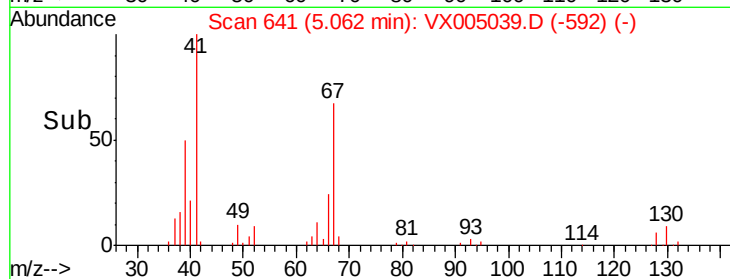
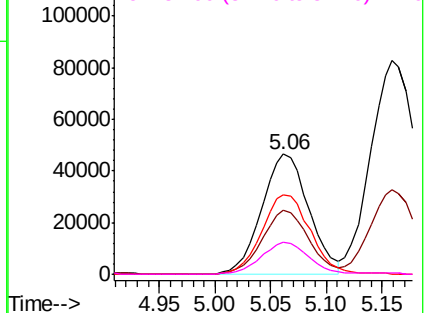
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.252 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX005039.D

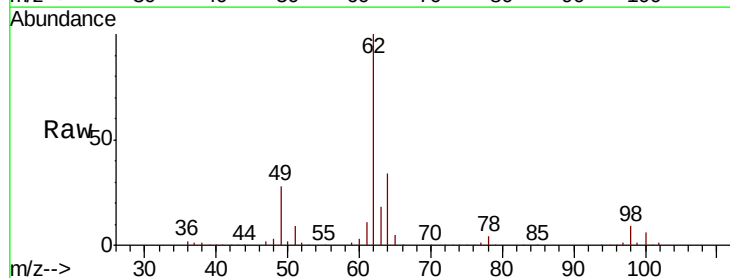
Acq: 05 Oct 2018 00:30

Tgt Ion: 62 Resp: 199061

Ion Ratio Lower Upper

62 100

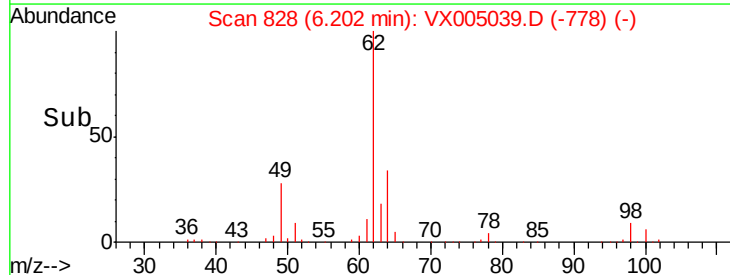
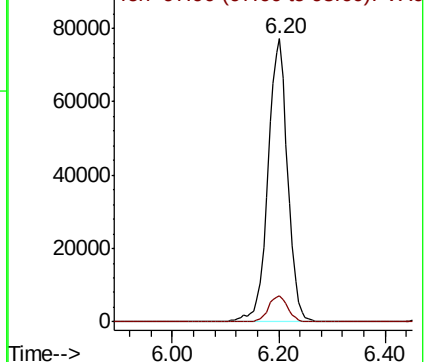
98 9.1 0.0 20.2

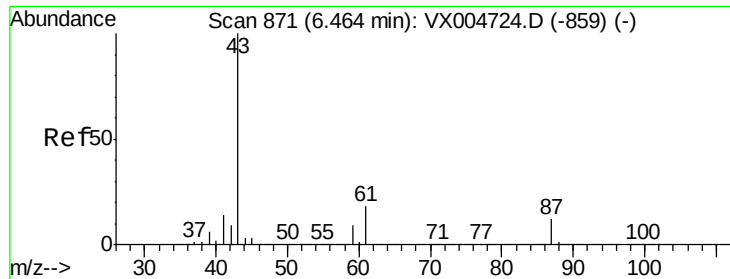


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.134 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

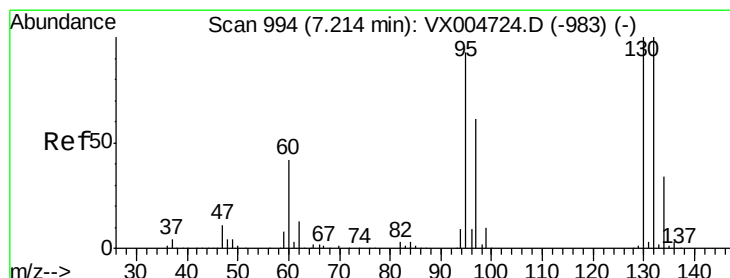
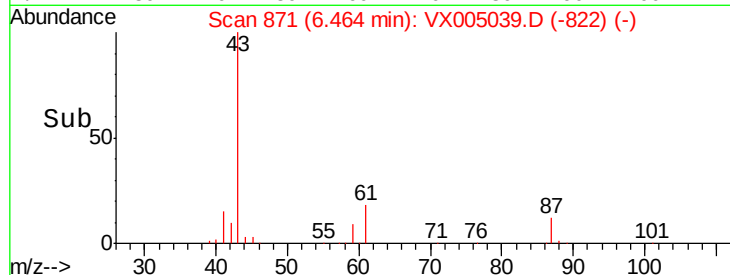
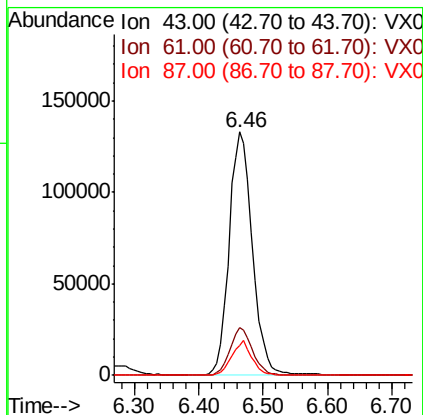
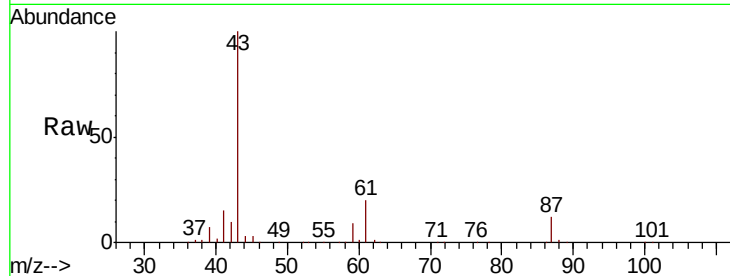
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	43	Resp:	336617
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.2	21.4
87	12.5	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.704 ug/l

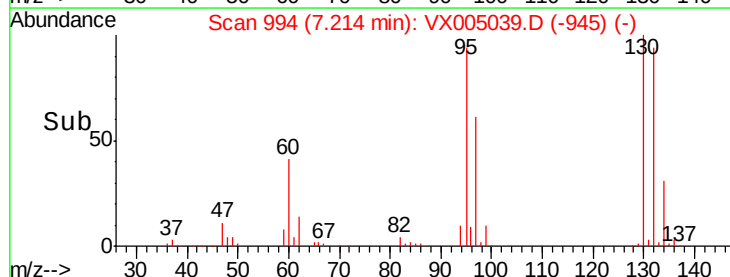
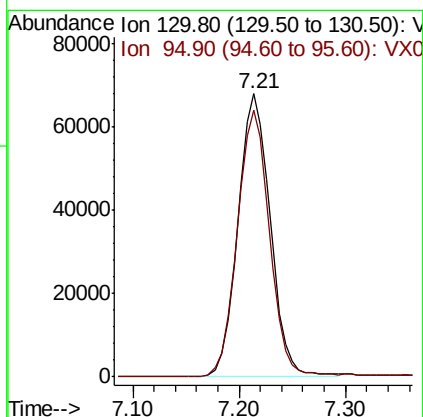
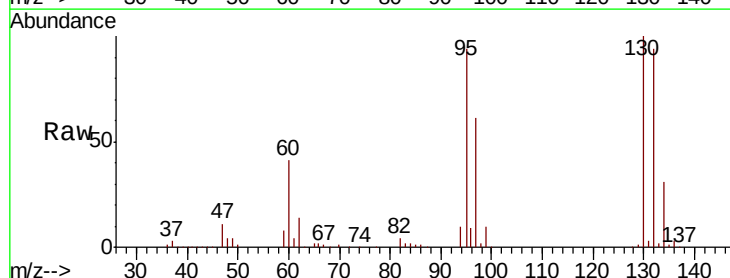
RT: 7.21 min Scan# 994

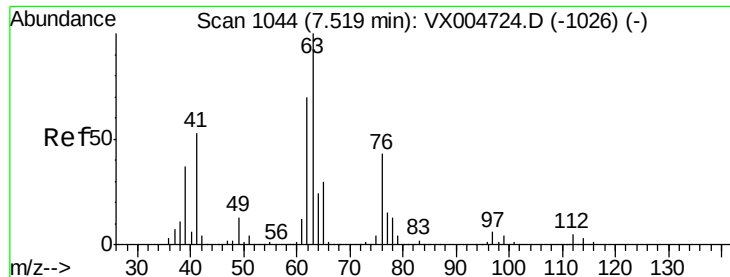
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	130	Resp:	145459
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	186.8





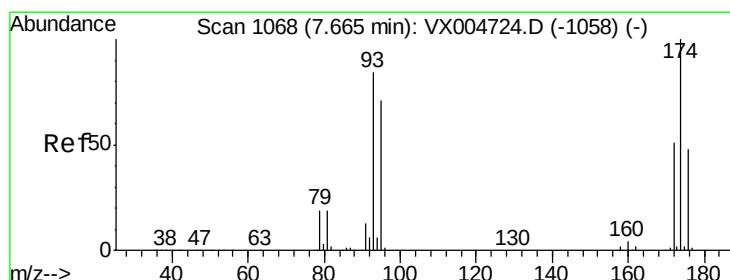
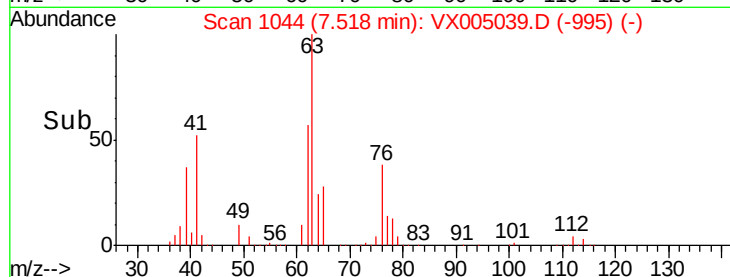
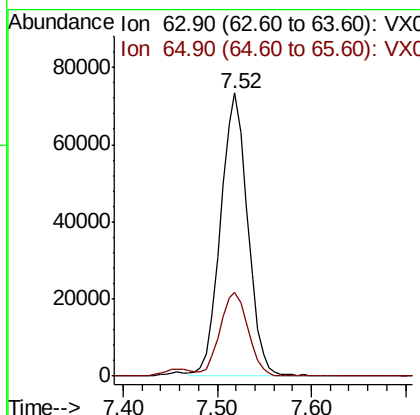
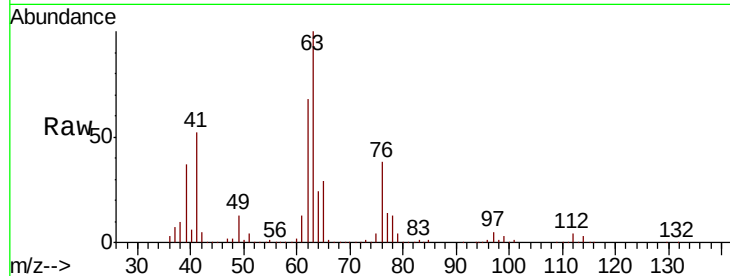
#45
 1,2-Dichloropropane
 Concen: 51.052 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion: 63 Resp: 146100
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.9 35.9

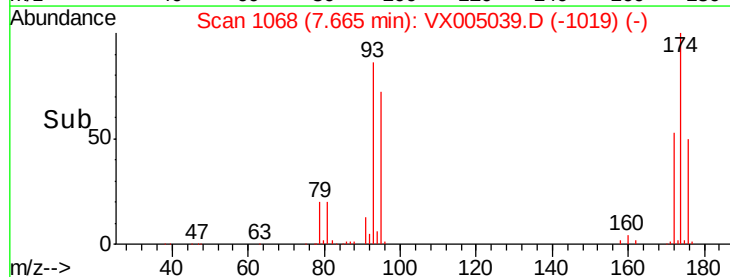
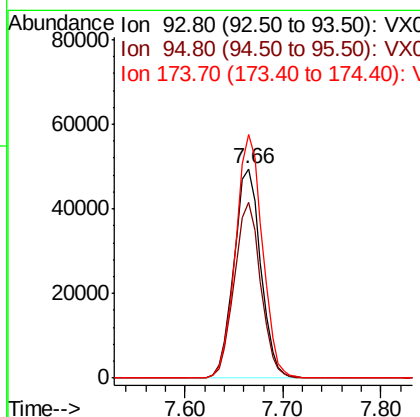
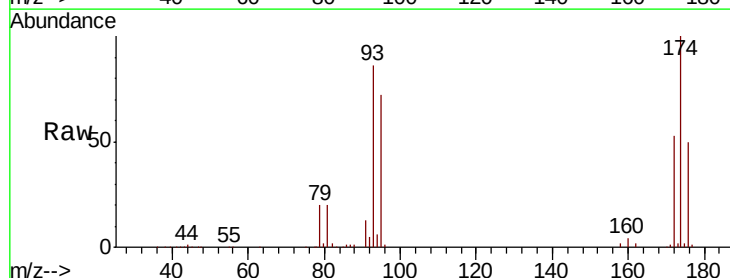
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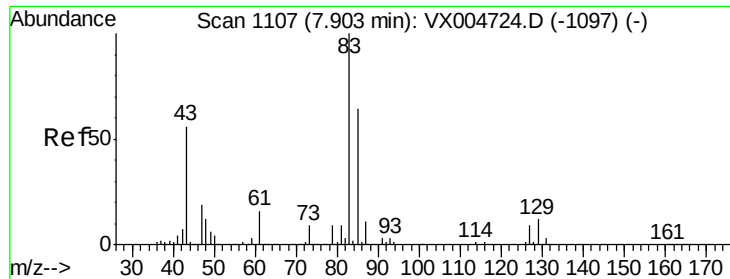
MMDadoda
 10/5/2018 3:24:52 PM



#46
 Dibromomethane
 Concen: 52.549 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 93 Resp: 94511
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.7 100.1
 174 116.1 92.7 139.1





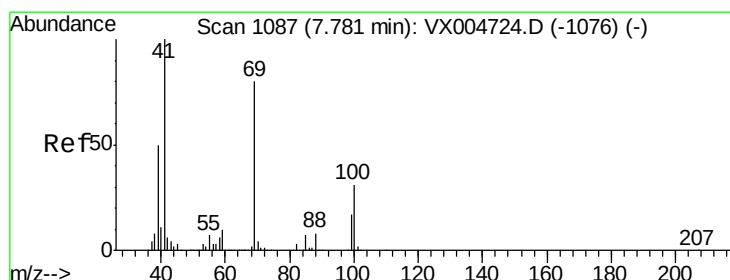
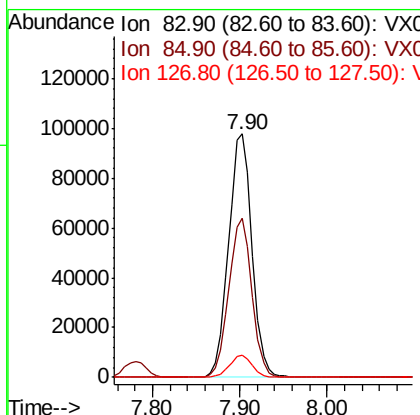
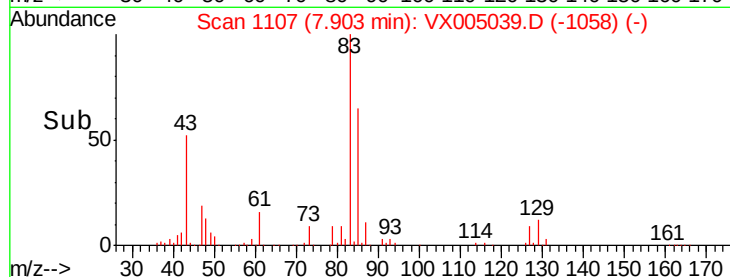
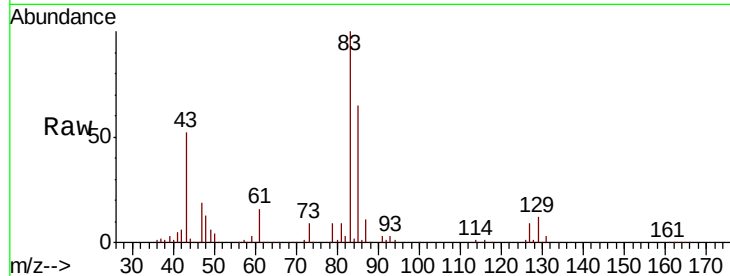
#47
Bromodichloromethane
Concen: 53.915 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	181550		
85	65.2	51.2	76.8	
127	8.9	7.0	10.6	

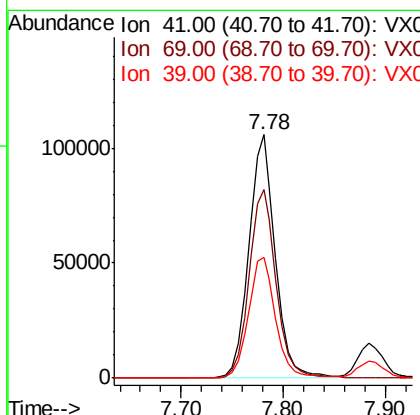
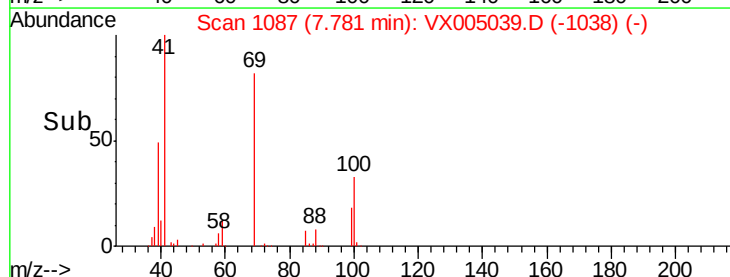
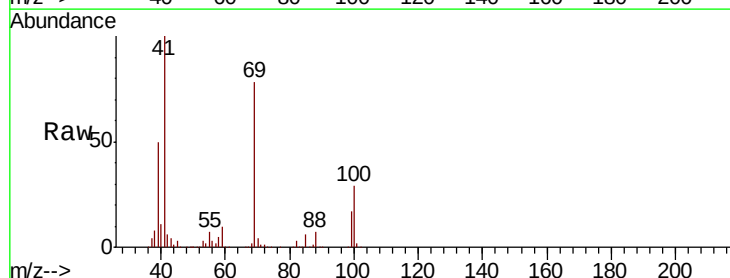
Manual Integrations
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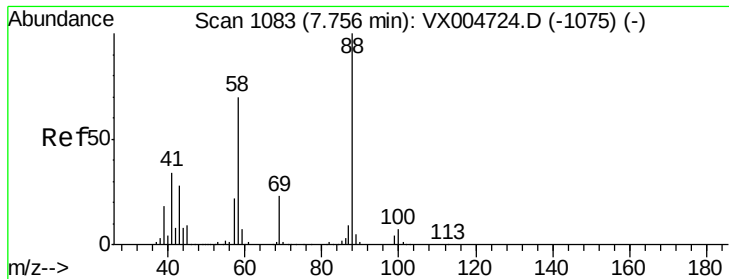
MMDadoda
10/5/2018 3:24:52 PM



#48
Methyl methacrylate
Concen: 58.575 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	189871		
69	79.8	63.8	95.6	
39	51.0	40.7	61.1	





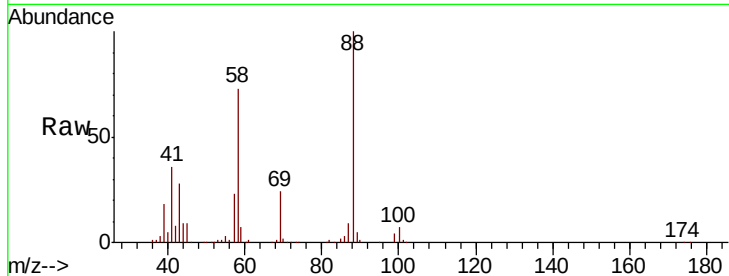
#49
1,4-Dioxane
Concen: 1019.954 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	25.1	37.7
58	72.6	56.2	84.2

Manual Integrations
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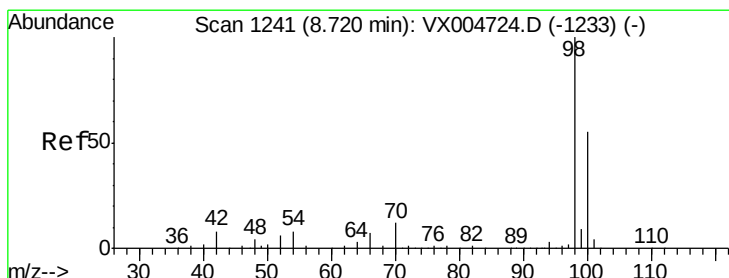
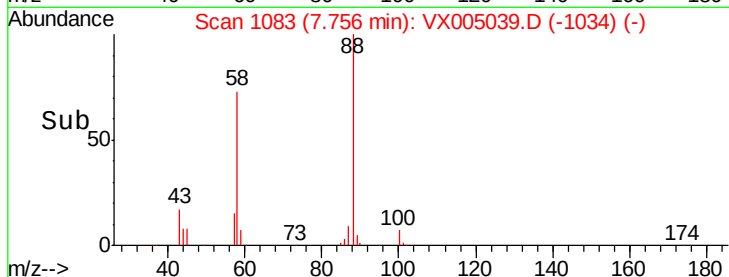
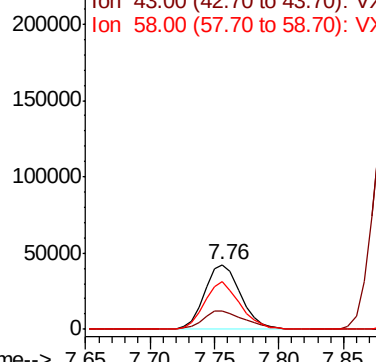


Abundance

Ion 88.00 (87.70 to 88.70): VX0

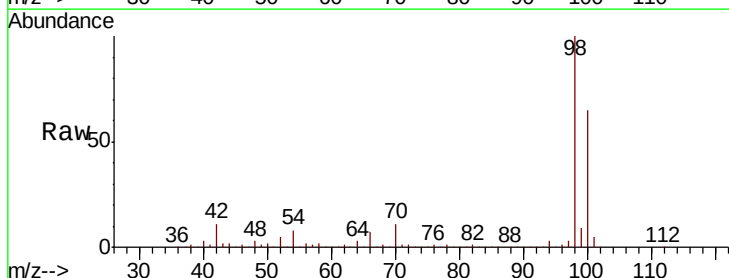
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.994 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

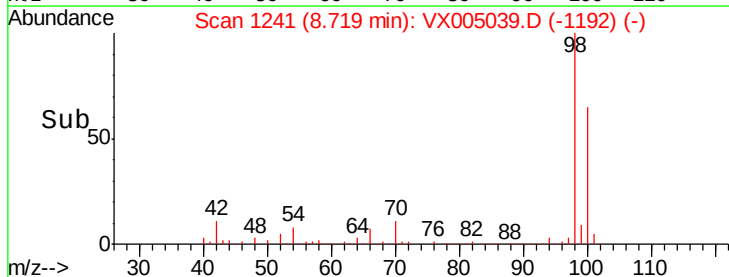
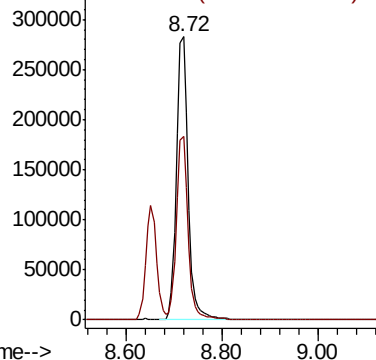
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9

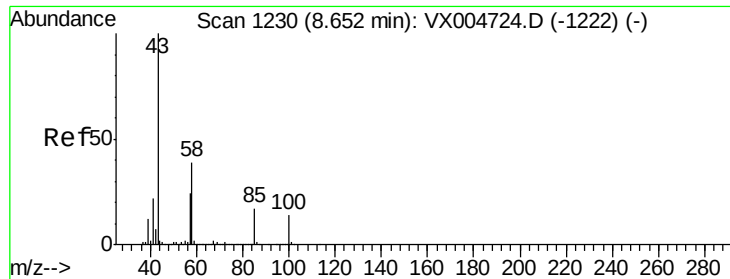


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 286.903 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 43 Resp: 1290119

Ion Ratio Lower Upper

43 100

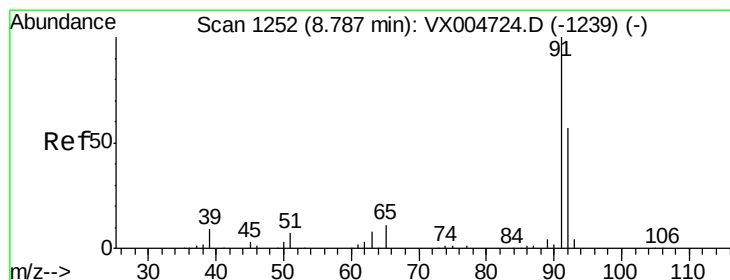
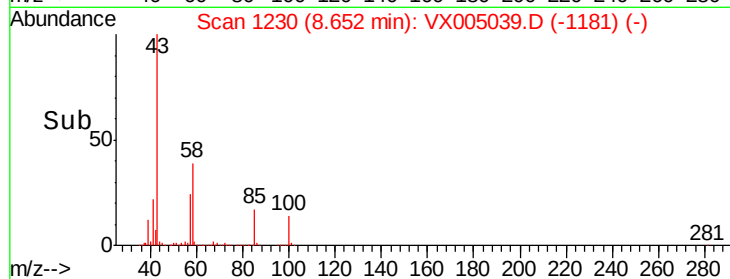
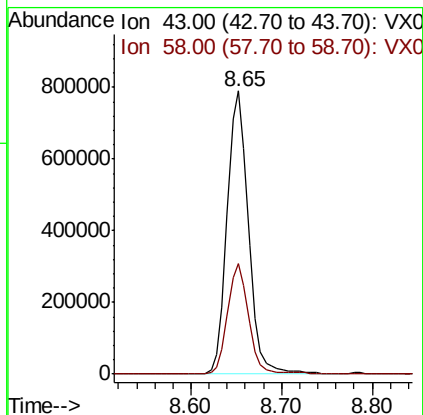
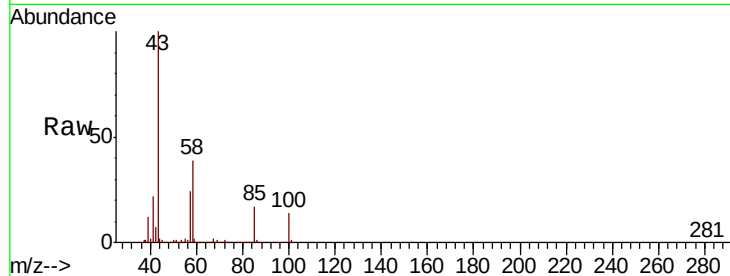
58 38.8 30.5 45.7

Manual Integrations

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10/5/2018 3:24:52 PM



#52

Toluene

Concen: 52.311 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005039.D

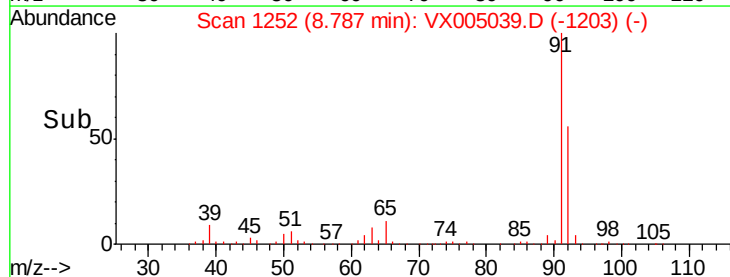
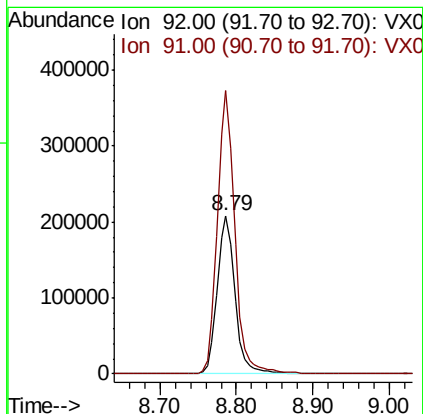
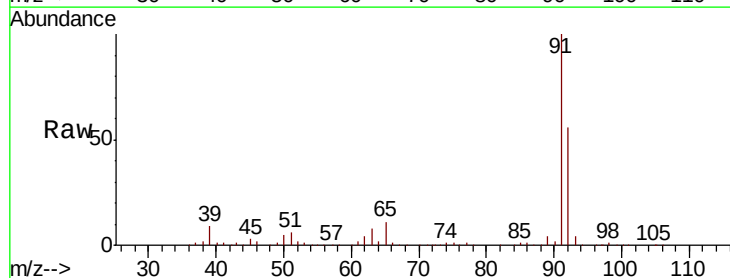
Acq: 05 Oct 2018 00:30

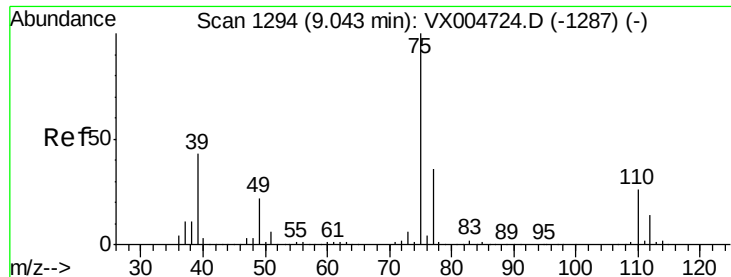
Tgt Ion: 92 Resp: 335438

Ion Ratio Lower Upper

92 100

91 176.3 136.7 205.1





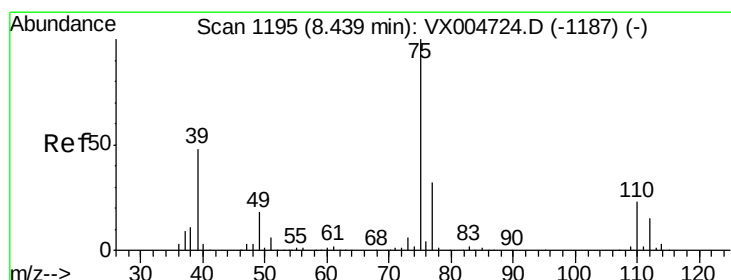
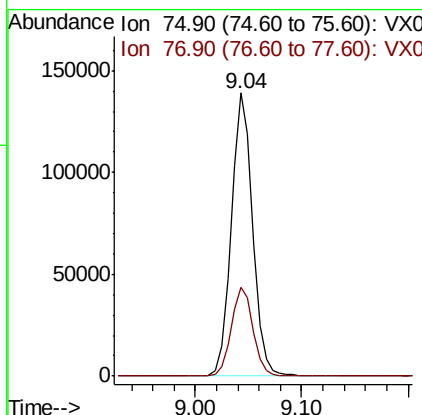
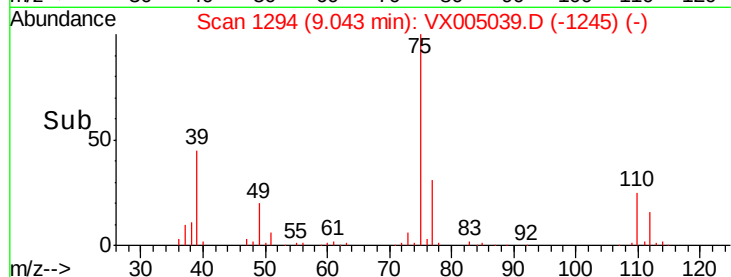
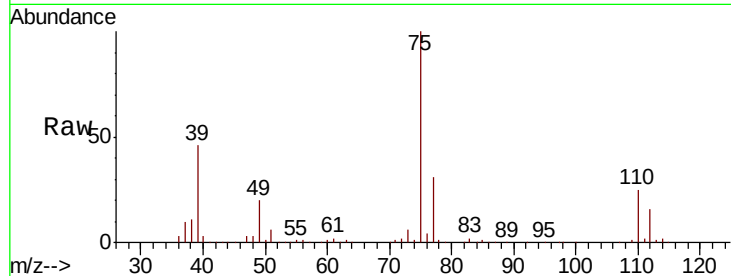
#53
t-1,3-Dichloropropene
Concen: 51.187 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	28.9	43.3

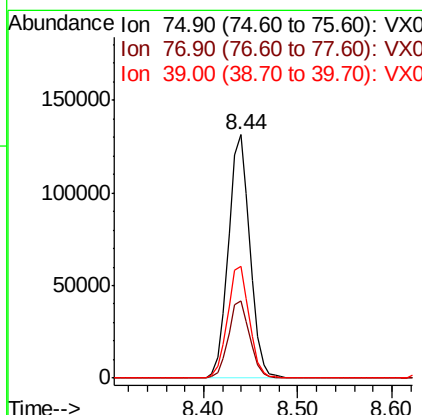
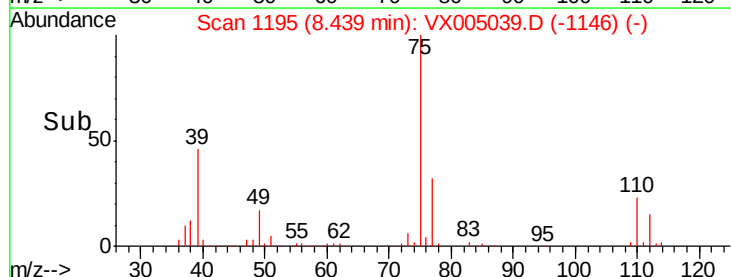
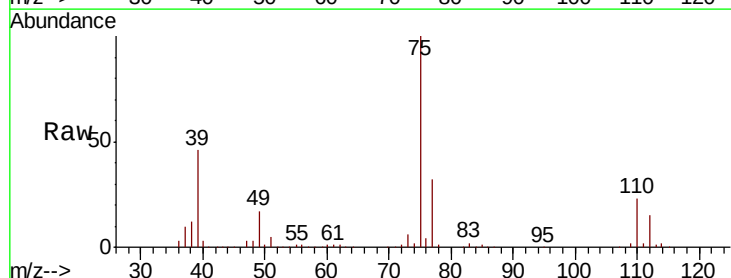
Manual Integrations
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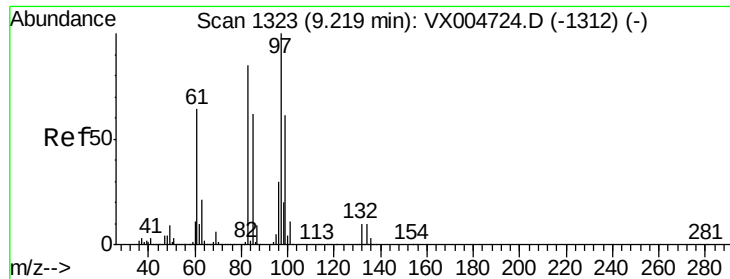
MMDadoda
10/5/2018 3:24:52 PM



#54
cis-1,3-Dichloropropene
Concen: 52.168 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.7	38.5
39	45.9	38.3	57.5





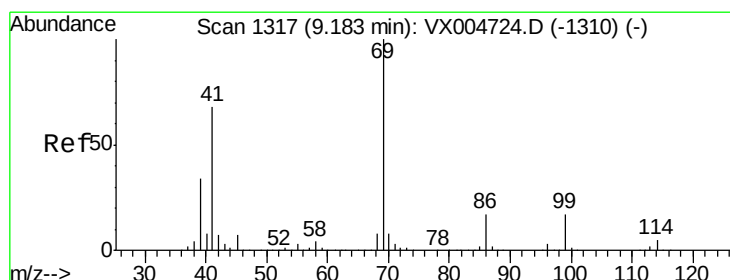
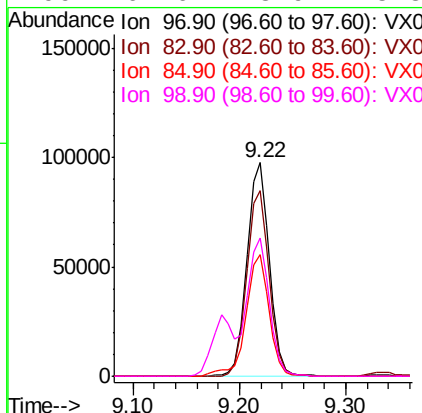
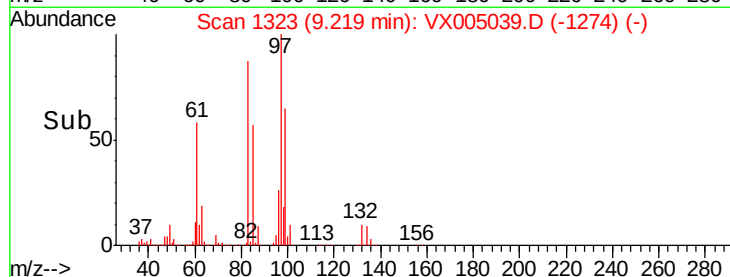
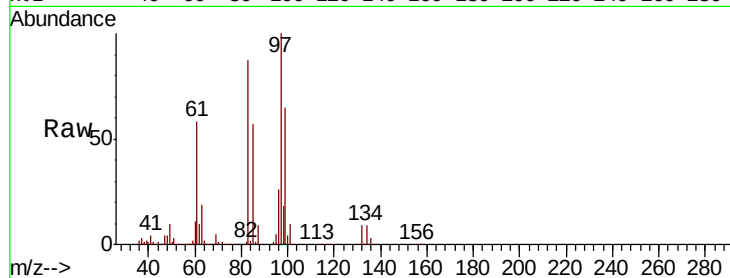
#55
 1,1,2-Trichloroethane
 Concen: 51.389 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion:	97	Resp:	144342
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.2	102.2
85	57.2	49.9	74.9
99	64.6	48.9	73.3

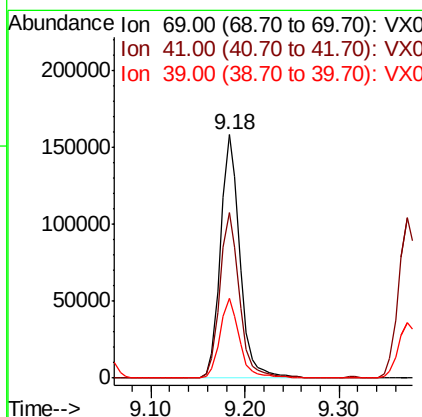
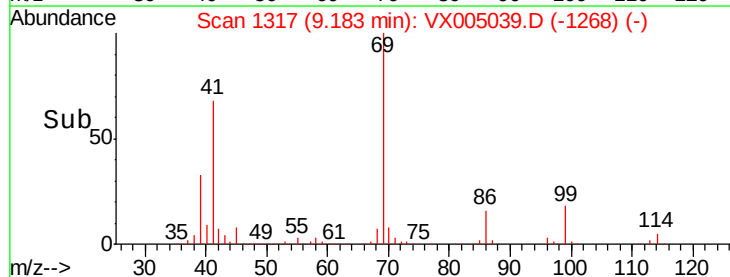
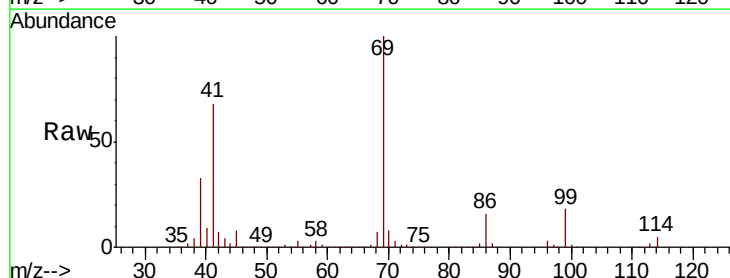
Manual Integrations
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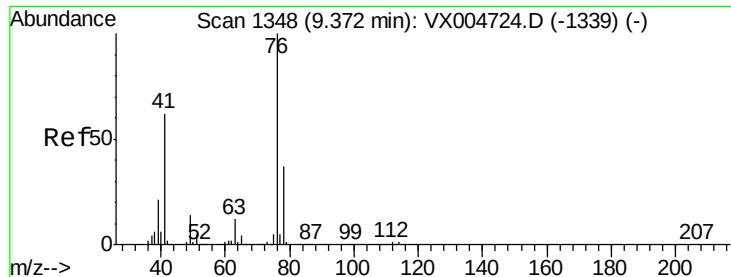
MMDadoda
 10/5/2018 3:24:52 PM



#56
 Ethyl methacrylate
 Concen: 49.856 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion:	69	Resp:	227201
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.9	85.3
39	33.1	28.4	42.6





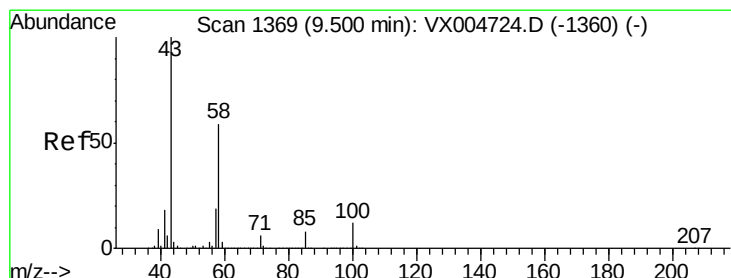
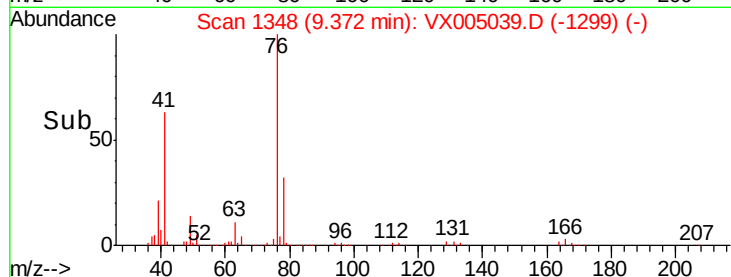
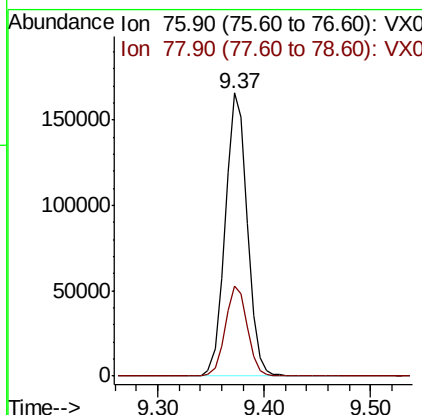
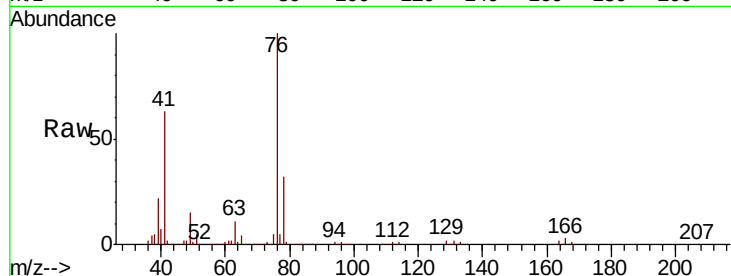
#57
 1,3-Dichloropropane
 Concen: 51.497 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.6	40.0

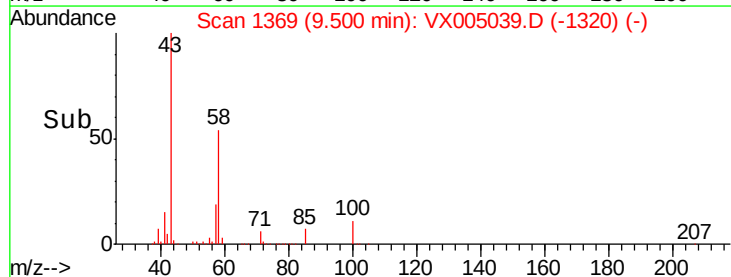
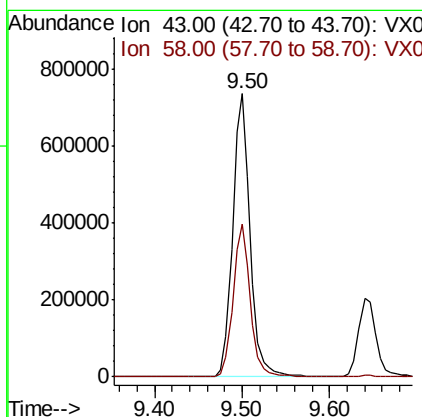
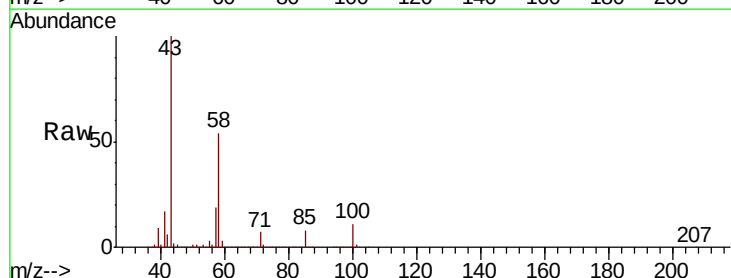
Manual Integrations
 APPROVED

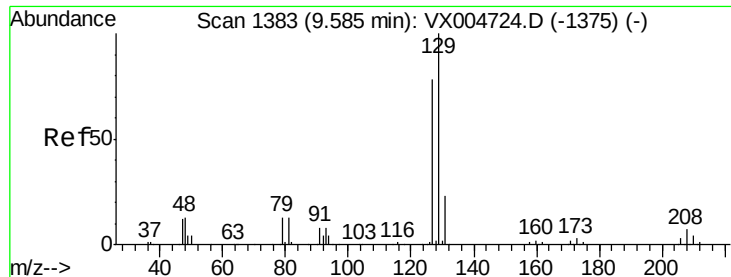
MMDadoda
 10/5/2018 3:24:52 PM



#59
 2-Hexanone
 Concen: 273.607 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.5	28.4	85.3





#60

Dibromochloromethane

Concen: 52.676 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion:129 Resp: 147970

Ion Ratio Lower Upper

129 100

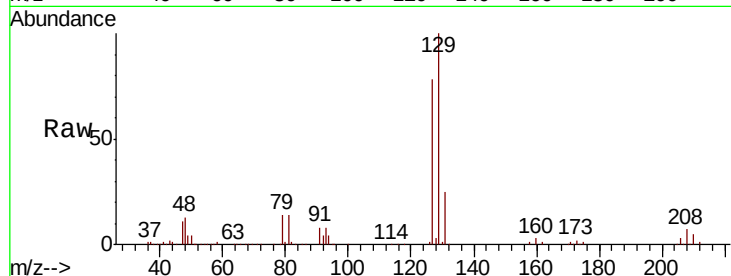
127 76.5 39.1 117.2

Manual Integrations

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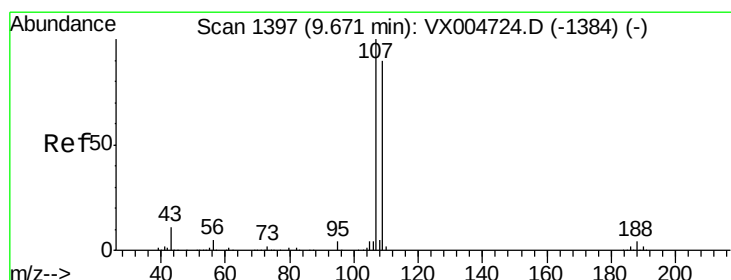
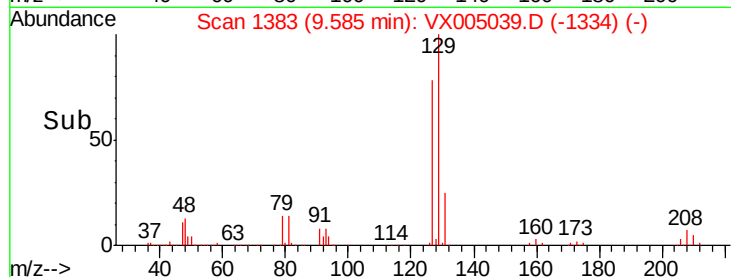
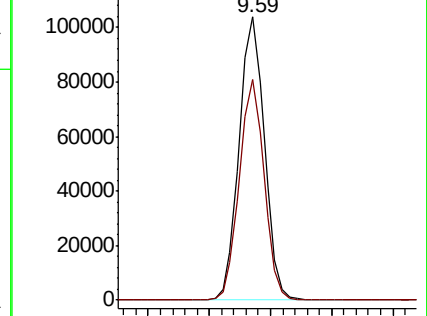
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.225 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005039.D

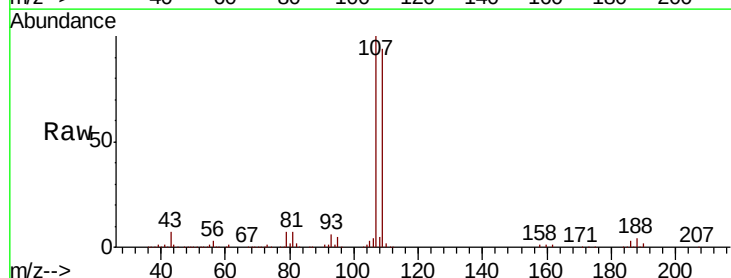
Acq: 05 Oct 2018 00:30

Tgt Ion:107 Resp: 148075

Ion Ratio Lower Upper

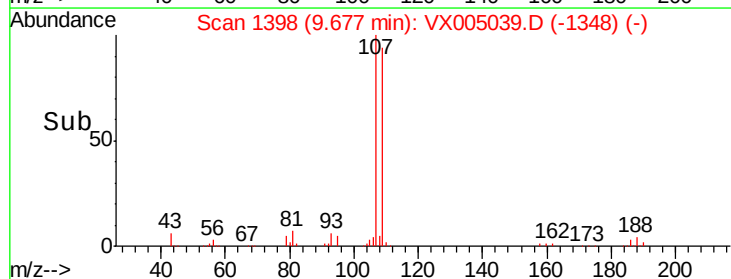
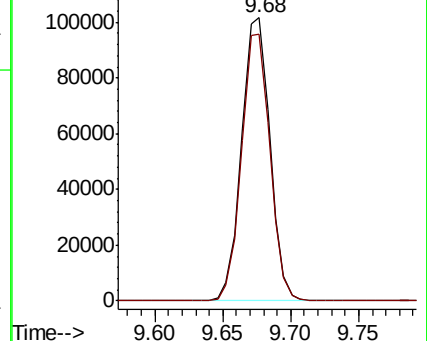
107 100

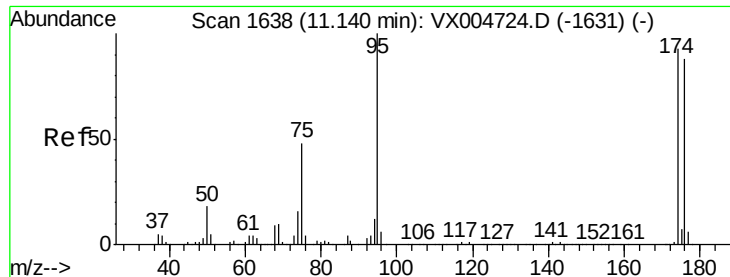
109 94.4 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





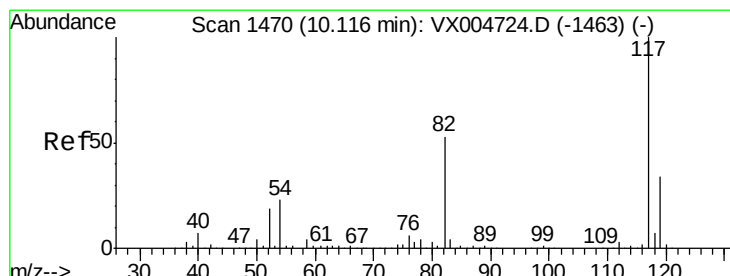
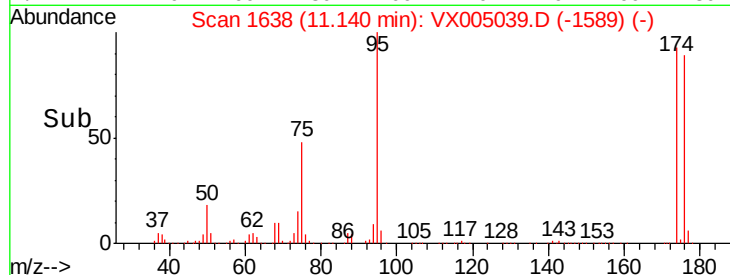
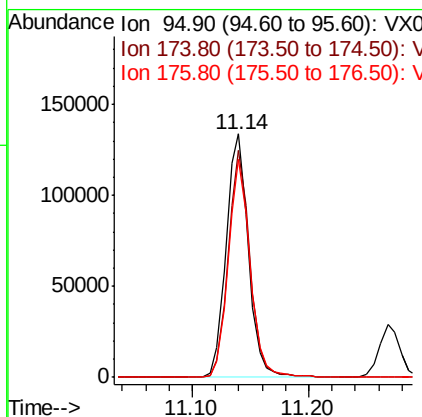
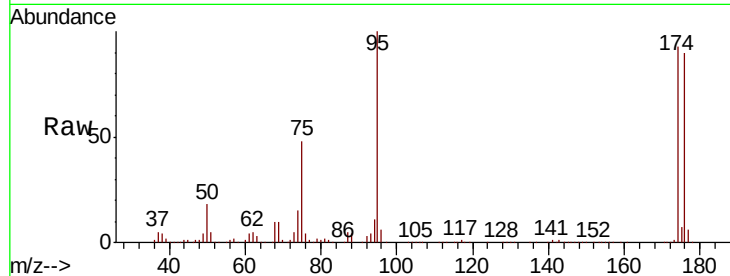
#62
4-Bromofluorobenzene
Concen: 54.261 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	177549		
174	91.1	0.0	185.0	
176	87.9	0.0	180.2	

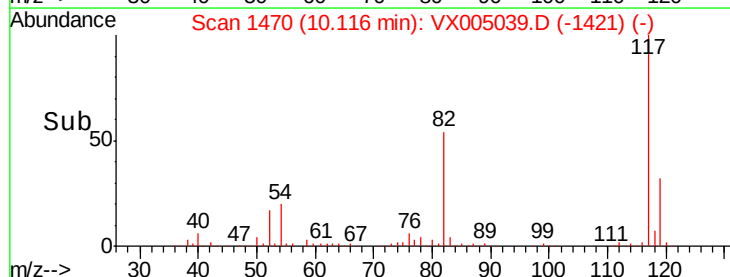
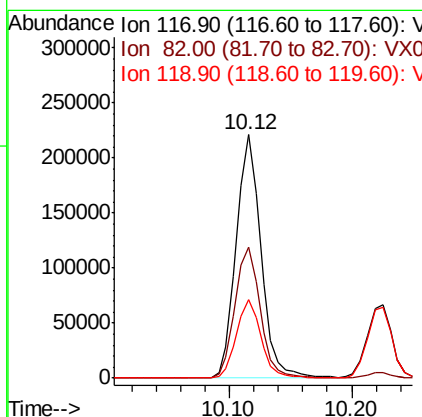
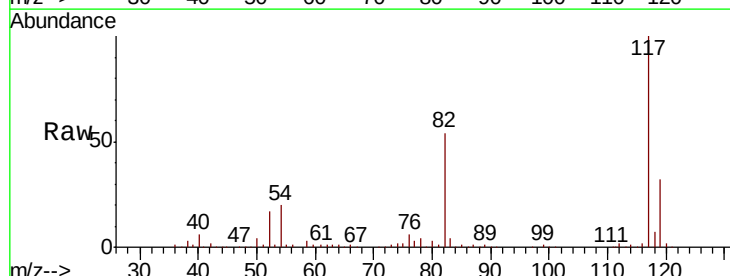
Manual Integrations
APPROVED

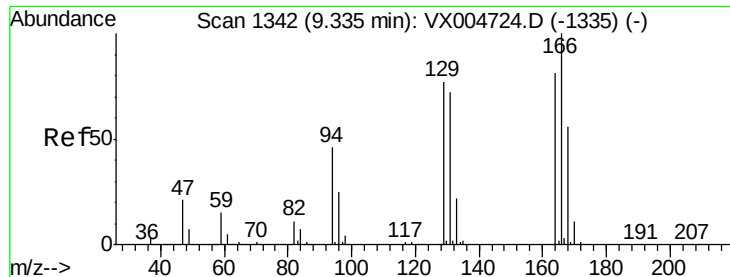
MMDadoda
10/5/2018 3:24:52 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	310227		
82	53.9	42.2	63.4	
119	32.0	27.4	41.0	





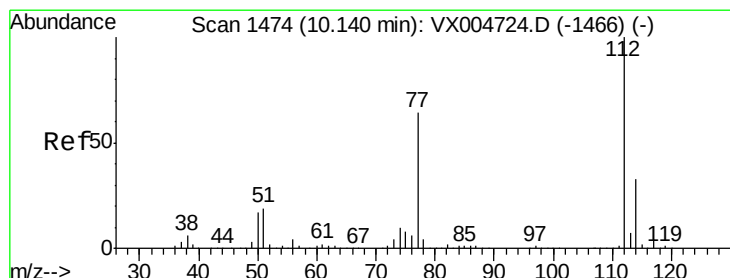
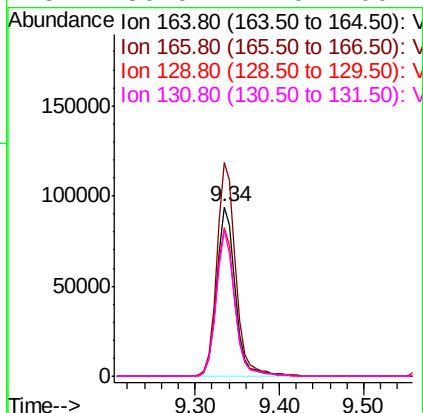
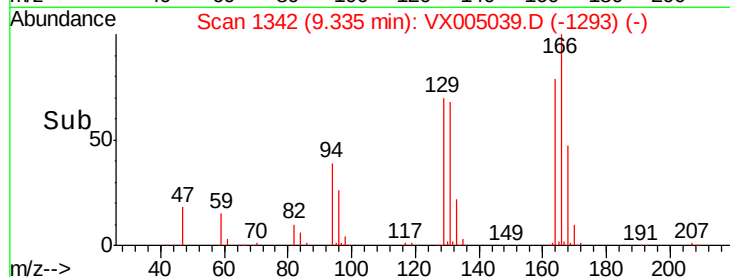
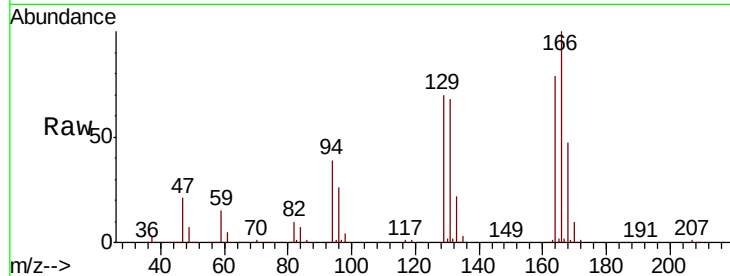
#64
Tetrachloroethene
Concen: 47.046 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.2	98.4	147.6	
129	88.1	76.1	114.1	
131	86.0	71.0	106.4	

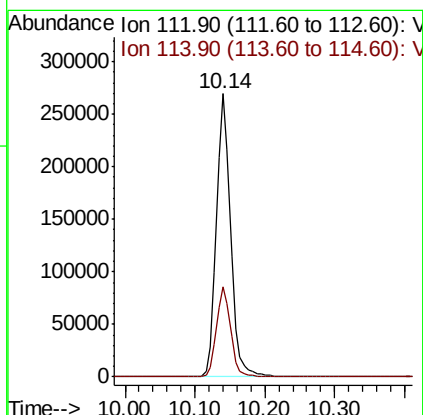
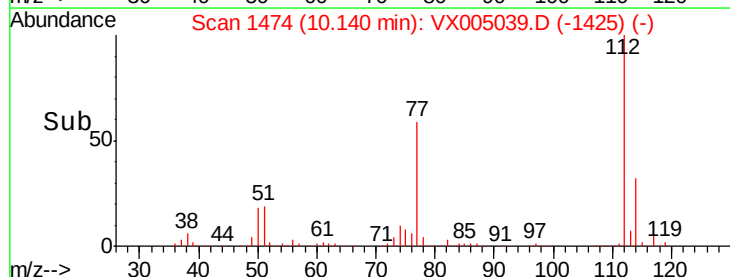
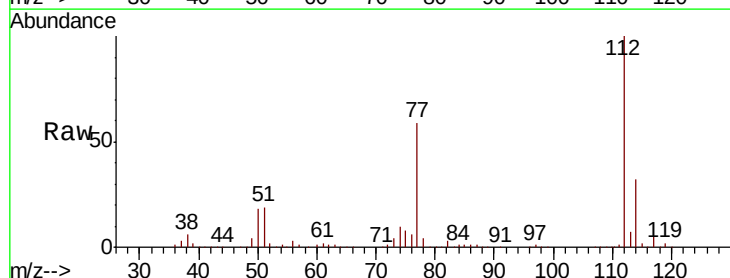
Manual Integrations
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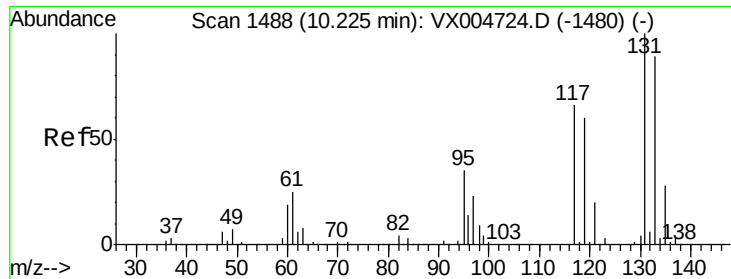
MMDadoda
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#65
Chlorobenzene
Concen: 48.016 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.9	26.7	40.1	





#66

1,1,1,2-Tetrachloroethane

Concen: 49.626 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

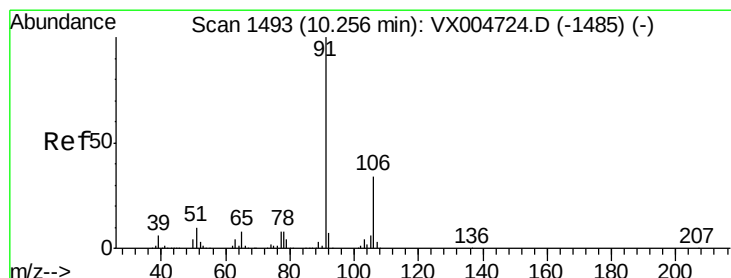
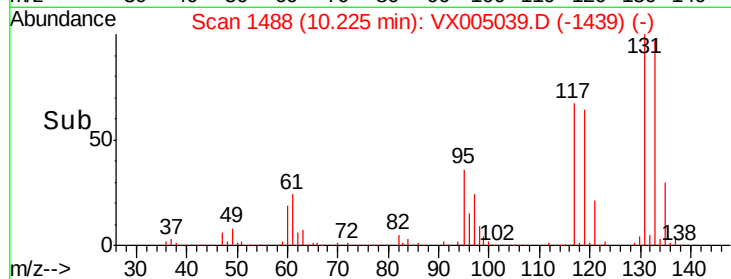
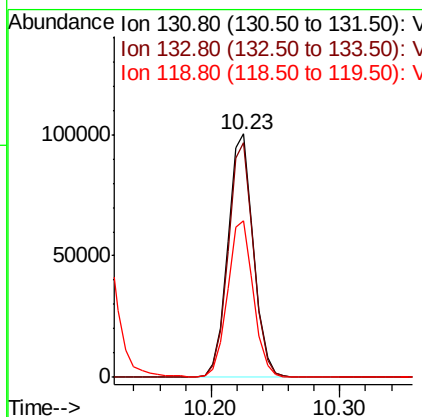
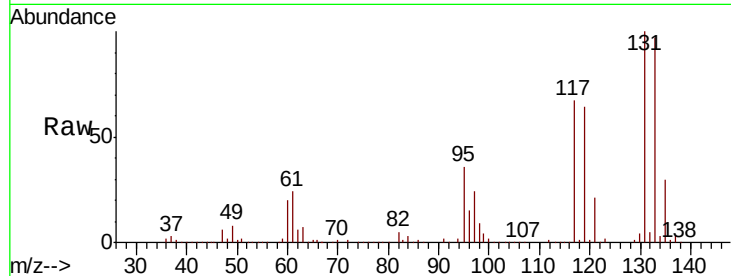
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	131	Resp:	138787
Ion Ratio	Lower	Upper	
131	100		
133	96.1	48.4	145.0
119	64.9	32.3	96.8

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.376 ug/l

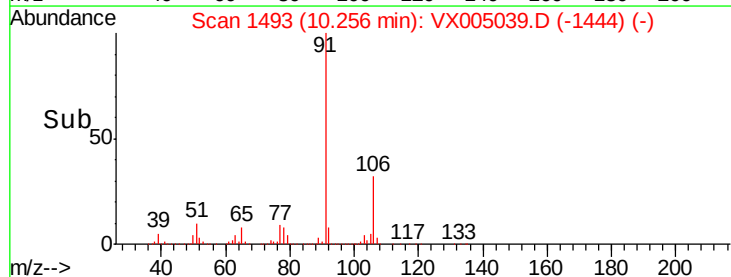
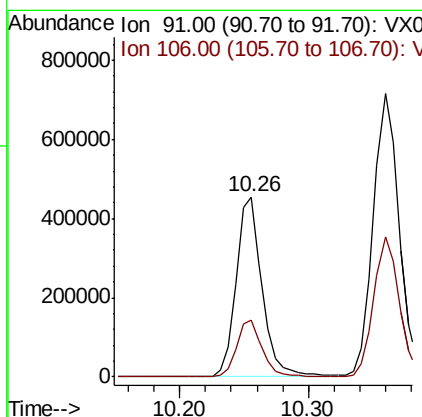
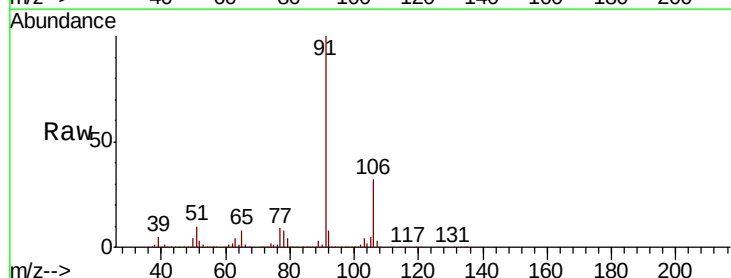
RT: 10.26 min Scan# 1493

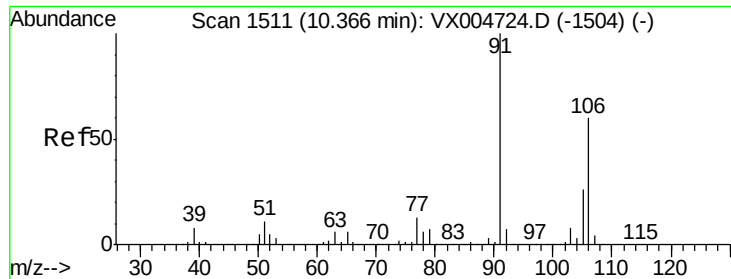
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	91	Resp:	636232
Ion Ratio	Lower	Upper	
91	100		
106	31.9	26.9	40.3





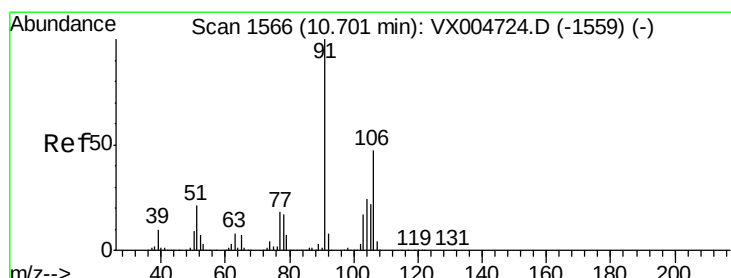
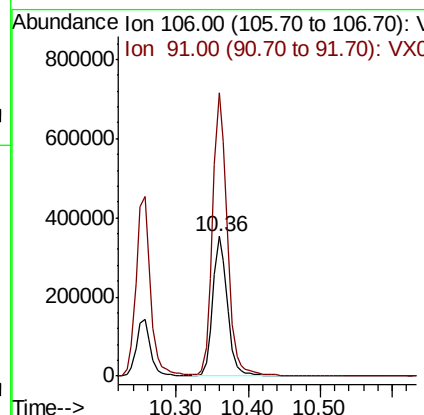
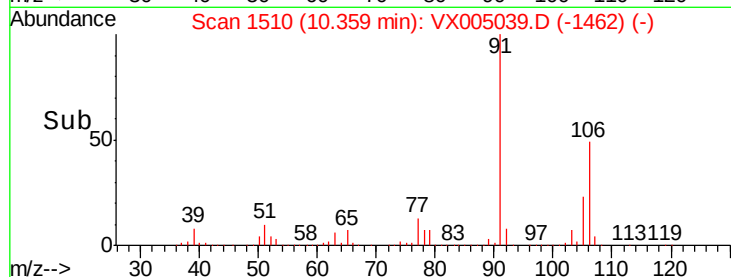
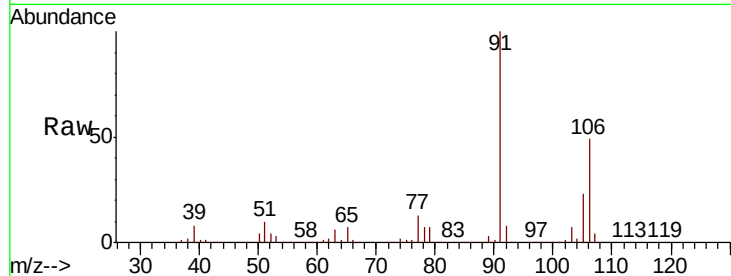
#68
m/p-Xylenes
Concen: 100.714 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion:106 Resp: 497059
Ion Ratio Lower Upper
106 100
91 204.3 157.5 236.3

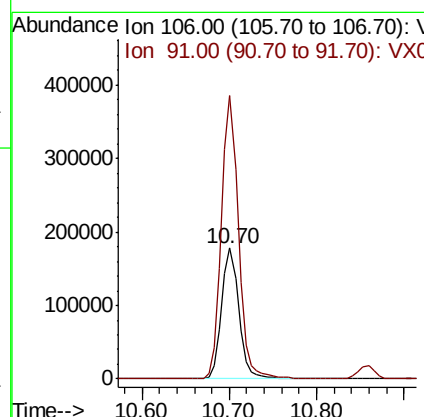
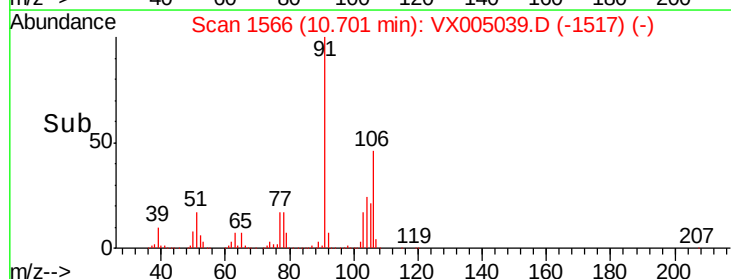
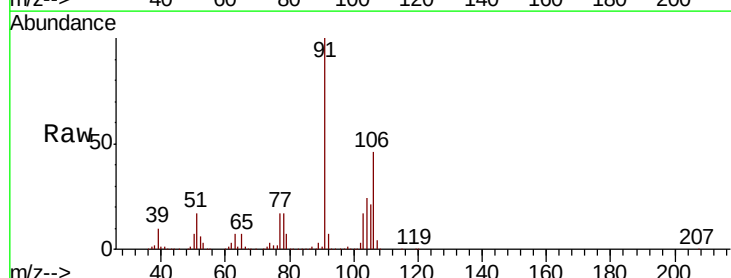
Manual Integrations
APPROVED

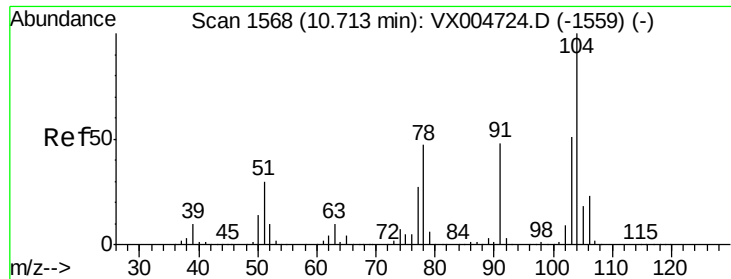
MMDadoda
10/5/2018 3:24:52 PM



#69
o-Xylene
Concen: 53.488 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion:106 Resp: 242463
Ion Ratio Lower Upper
106 100
91 213.8 108.3 324.8





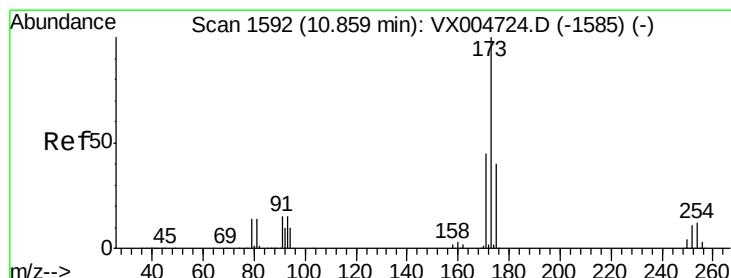
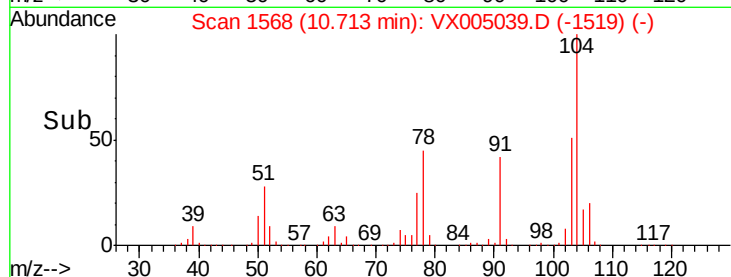
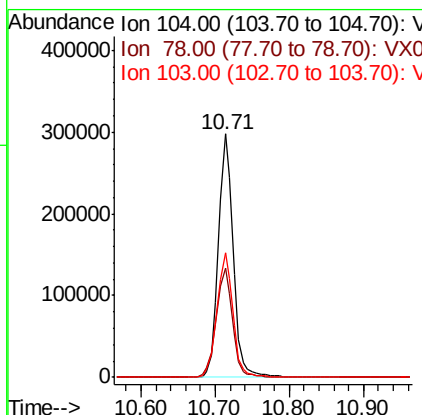
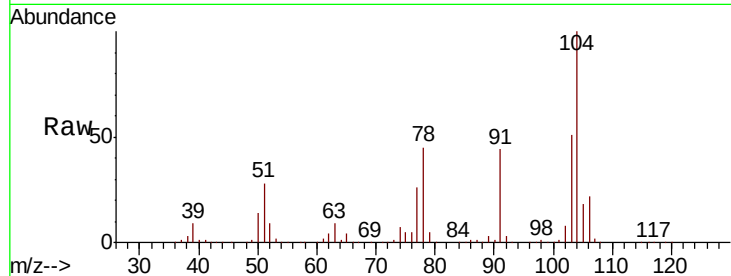
#70
Stvrene
Concen: 48.212 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.0	60.0
103	55.4	44.3	66.5

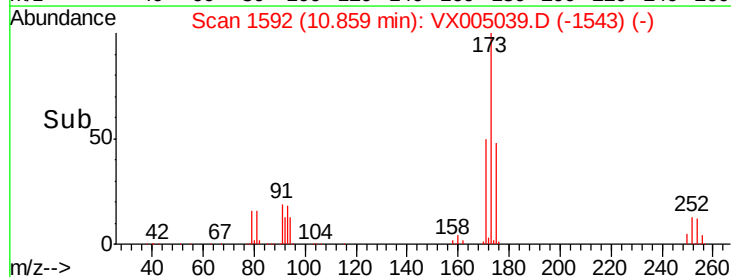
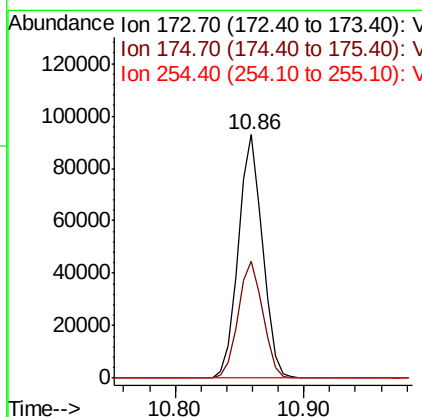
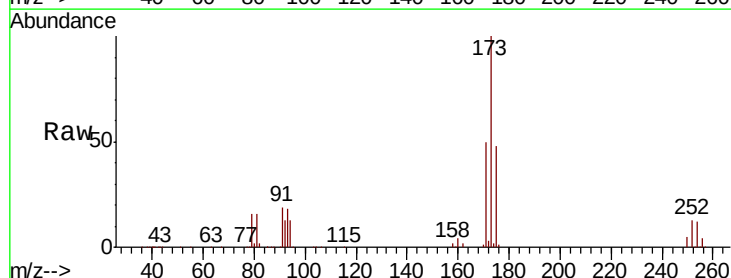
Manual Integrations
APPROVED

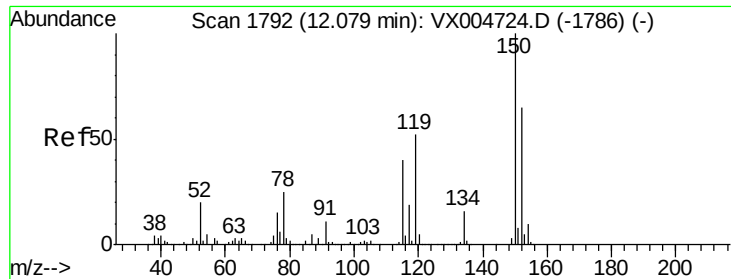
MMDadoda
10/5/2018 3:24:52 PM



#71
Bromoform
Concen: 50.436 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.3	69.8
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

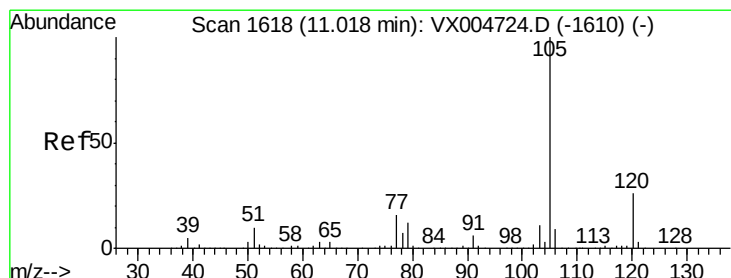
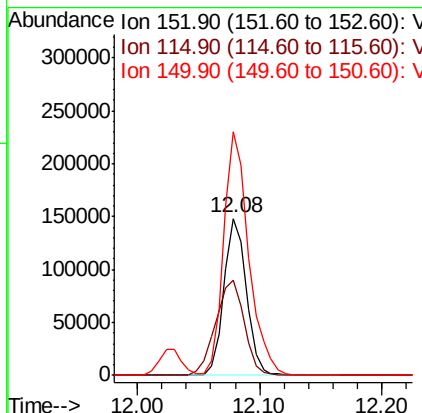
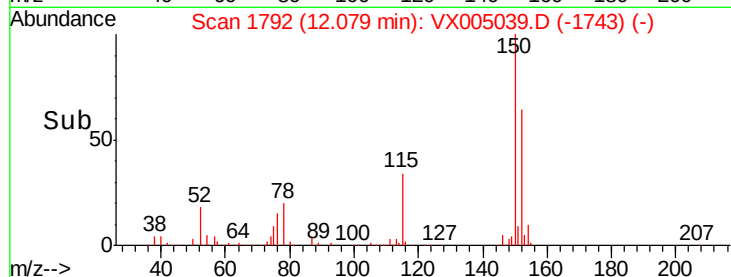
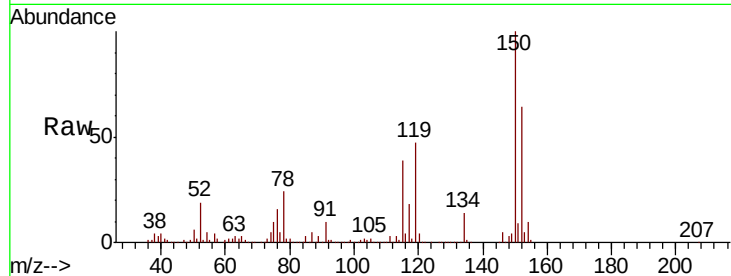
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	152	Resp:	187651
Ion Ratio	Lower	Upper	
152	100		
115	77.7	40.2	120.6
150	173.6	0.0	351.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 54.023 ug/l

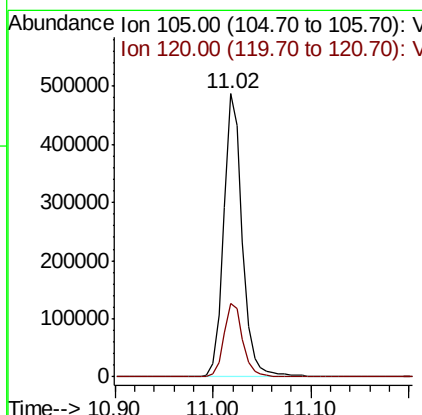
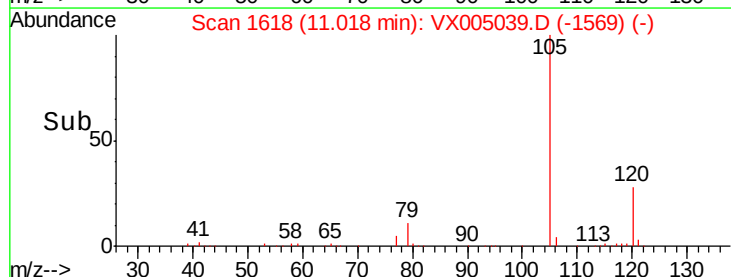
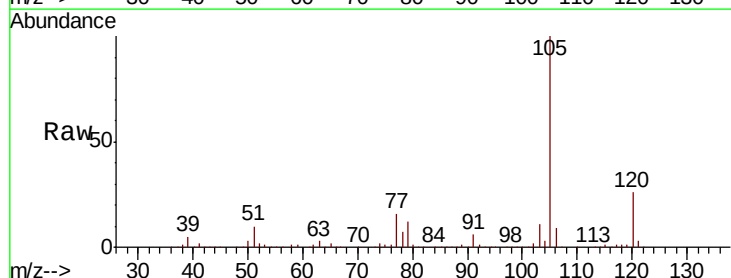
RT: 11.02 min Scan# 1618

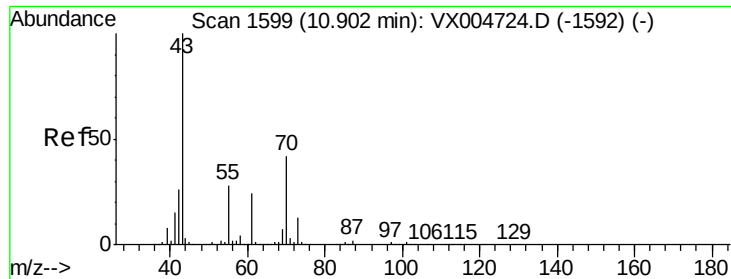
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	105	Resp:	638983
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.5





#74

N-amvl acetate

Concen: 42.048 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

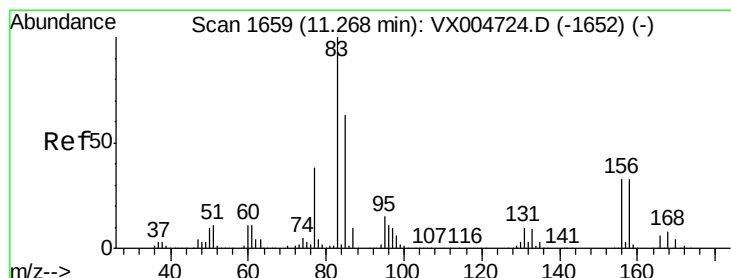
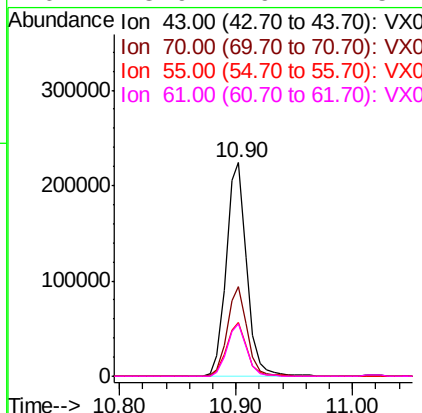
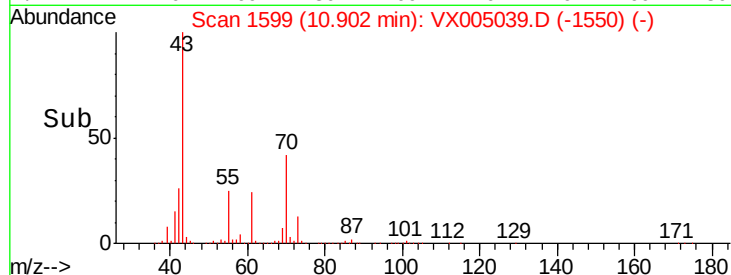
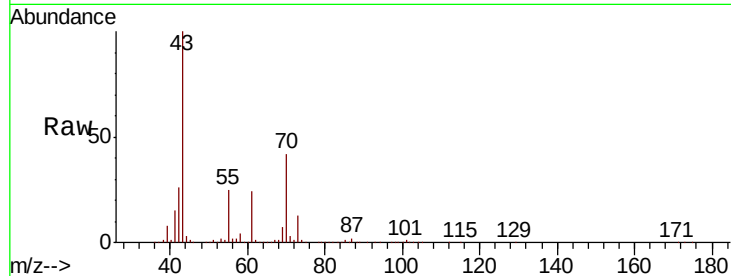
ClientSampleId :

SA-TW511-2125MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		271484		
70	40.9	32.6	48.8		
55	25.3	21.6	32.4		
61	23.9	19.1	28.7		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 48.684 ug/l

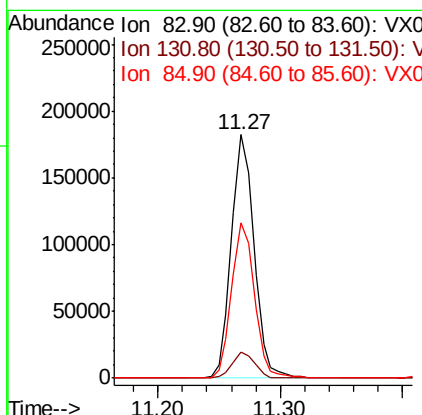
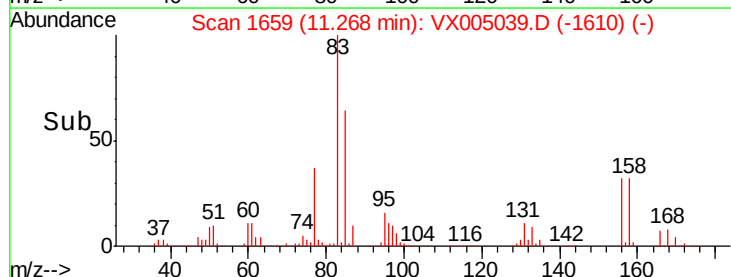
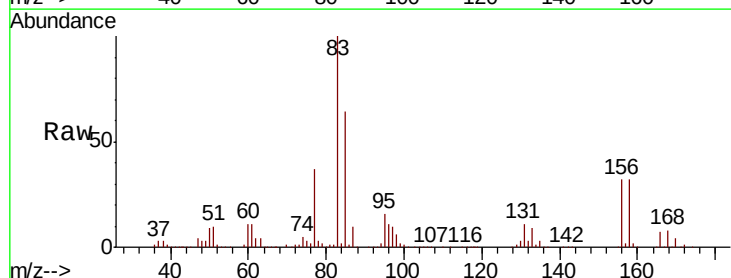
RT: 11.27 min Scan# 1659

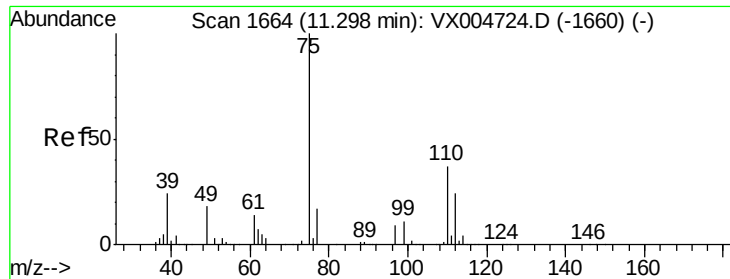
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		234401		
131	10.5	5.1	15.3		
85	64.4	31.9	95.9		





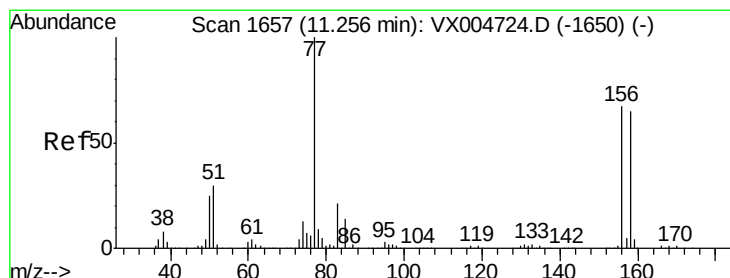
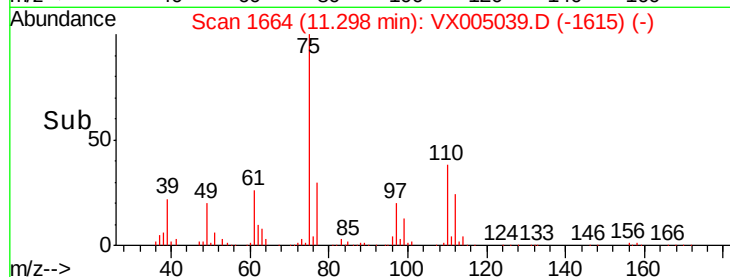
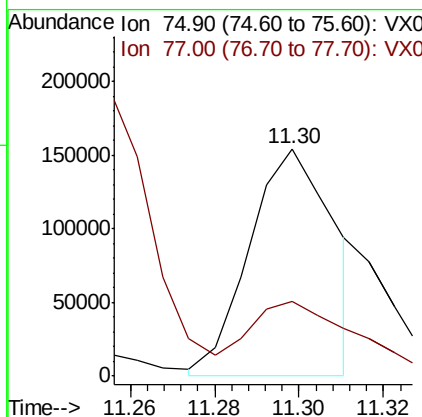
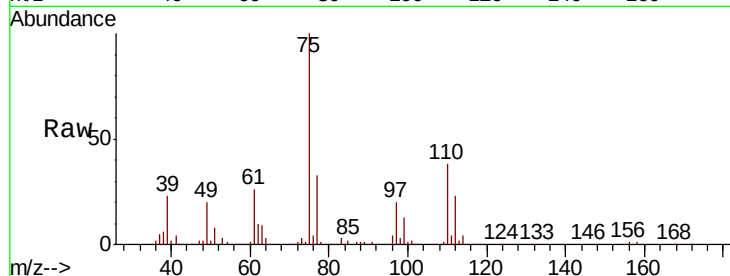
#76
 1,2,3-Trichloropropane
 Concen: 51.265 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion: 75 Resp: 215616
 Ion Ratio Lower Upper
 75 100
 77 41.6 21.4 64.3

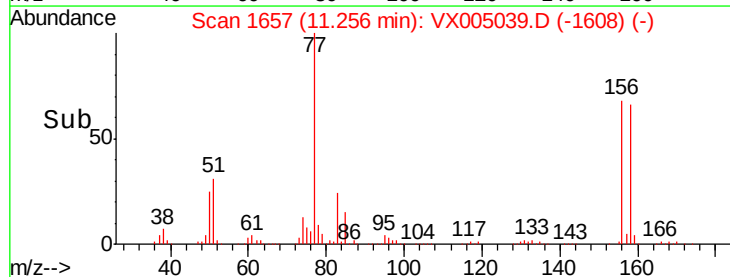
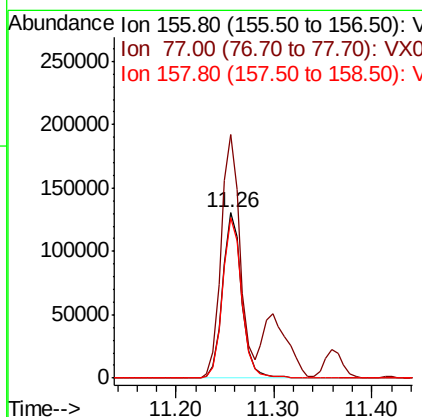
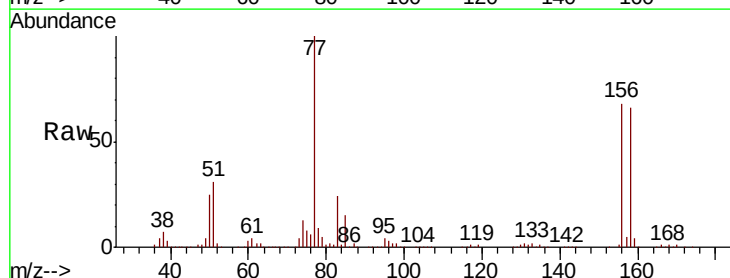
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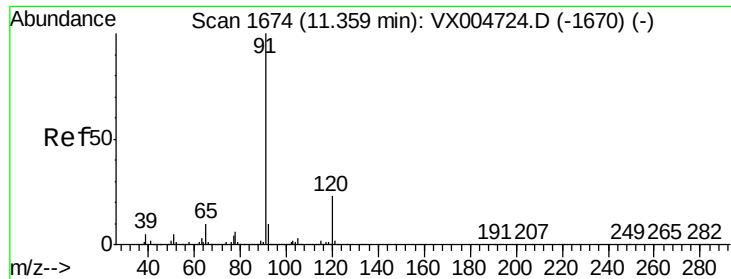
MMDadoda
 10/5/2018 3:24:52 PM



#77
 Bromobenzene
 Concen: 51.195 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 156 Resp: 175881
 Ion Ratio Lower Upper
 156 100
 77 146.0 73.4 220.2
 158 97.7 49.1 147.4





#78

n-propylbenzene

Concen: 53.477 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

ClientSampleId :

SA-TW511-2125MS

Tot Ion: 91 Resp: 725738

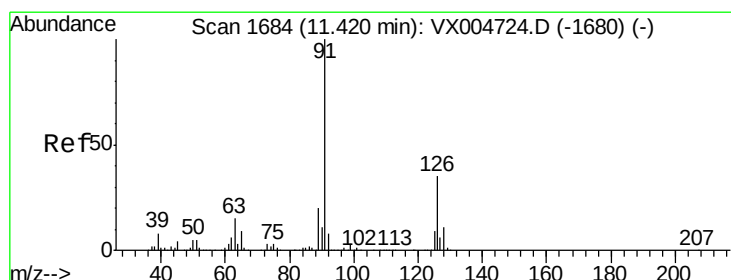
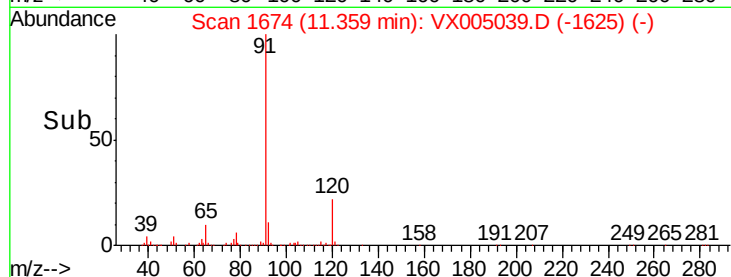
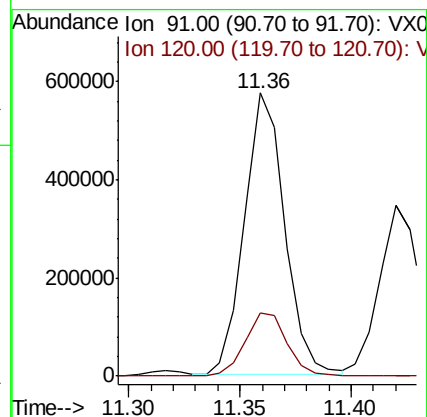
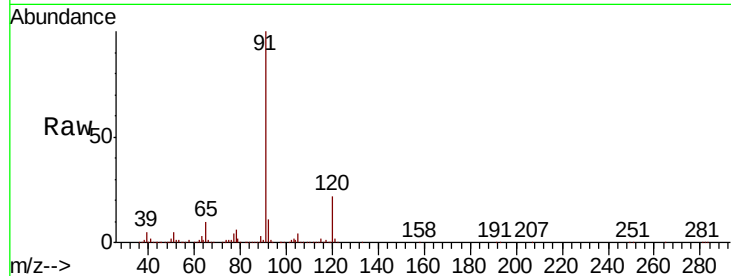
Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.0

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#79

2-Chlorotoluene

Concen: 52.522 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005039.D

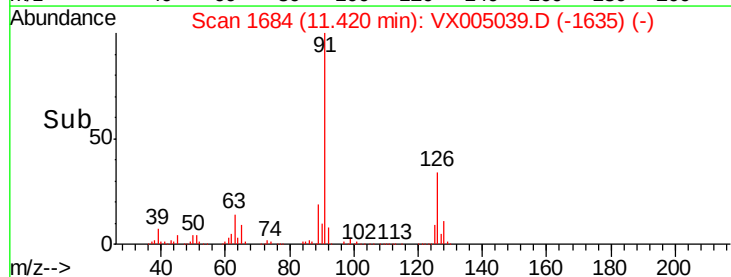
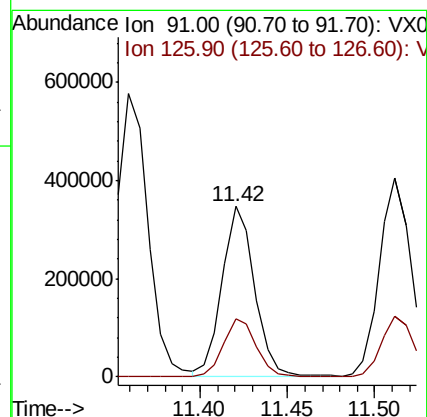
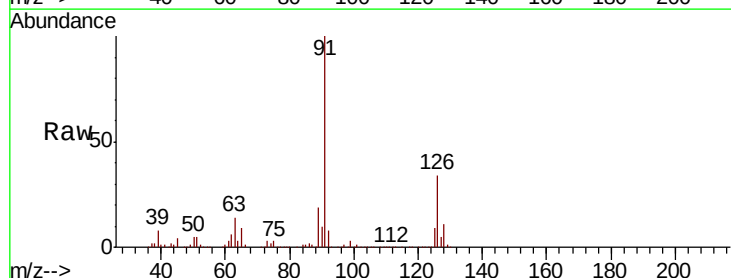
Acq: 05 Oct 2018 00:30

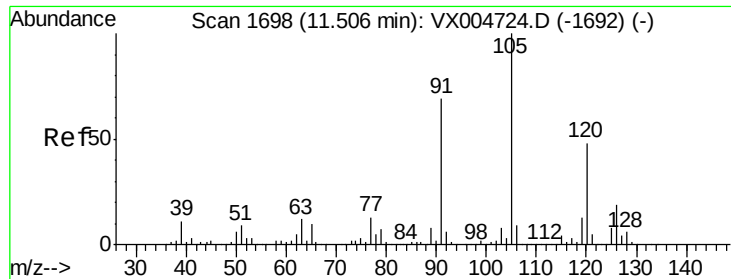
Tgt Ion: 91 Resp: 444286

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.9





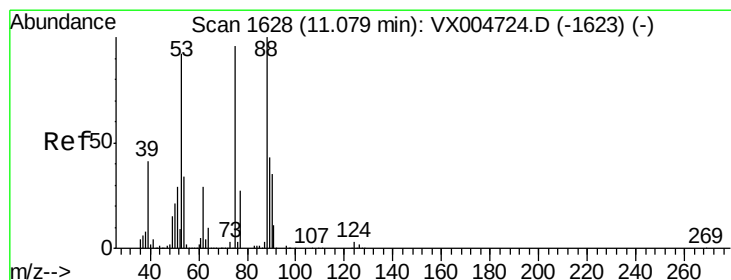
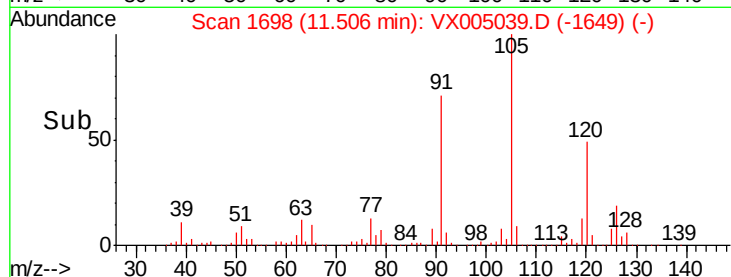
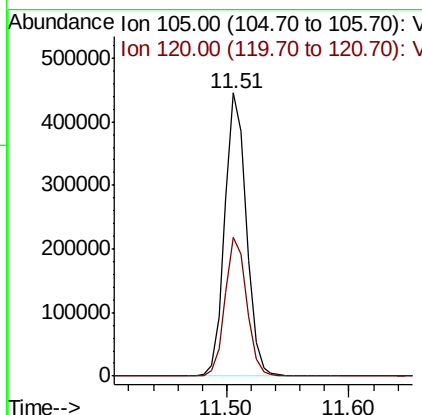
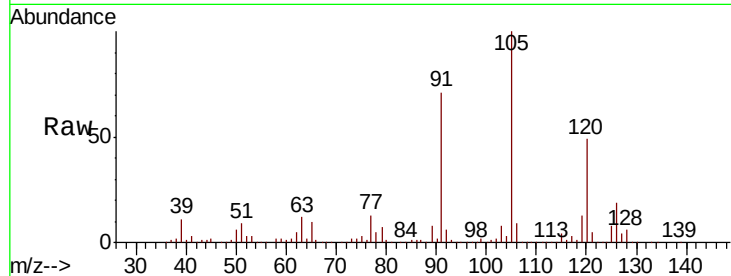
#80
 1,3,5-Trimethylbenzene
 Concen: 49.955 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion: 105 Resp: 541546
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.8

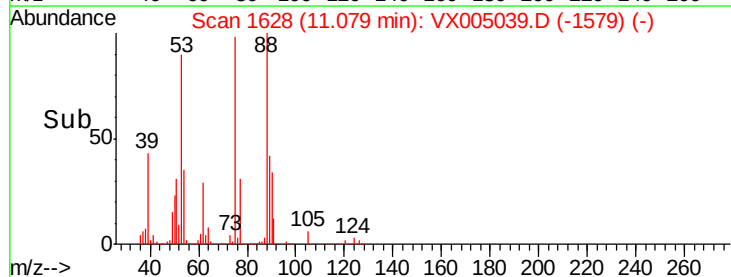
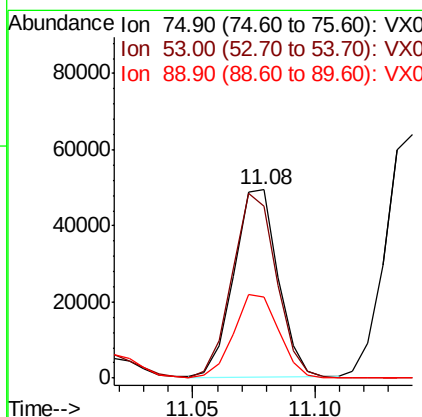
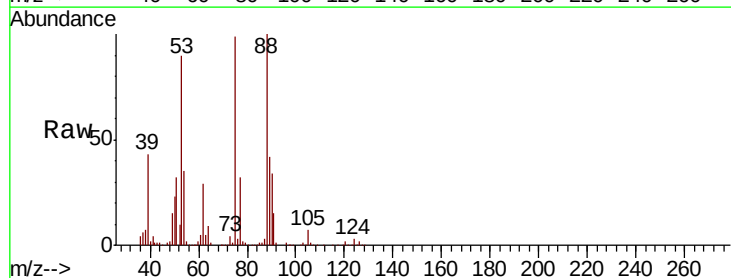
Manual Integrations
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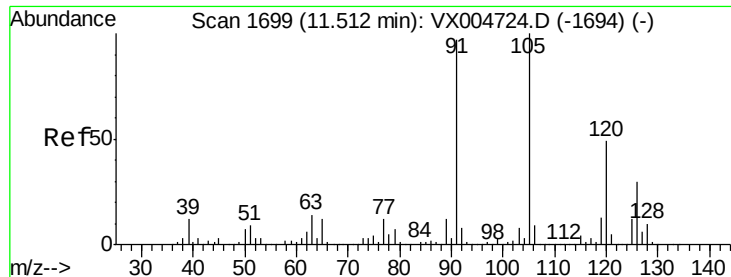
MMDadoda
 10/5/2018 3:24:52 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.716 ug/l
 RT: 11.08 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion: 75 Resp: 62196
 Ion Ratio Lower Upper
 75 100
 53 99.7 80.2 120.4
 89 45.6 37.1 55.7





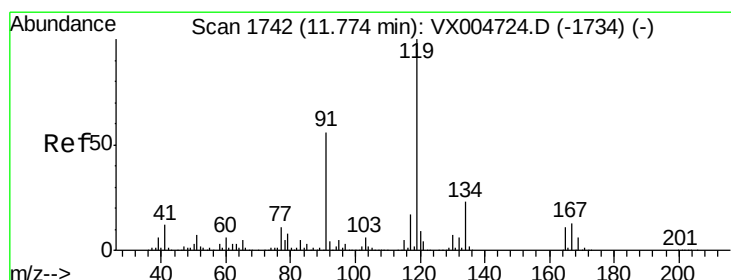
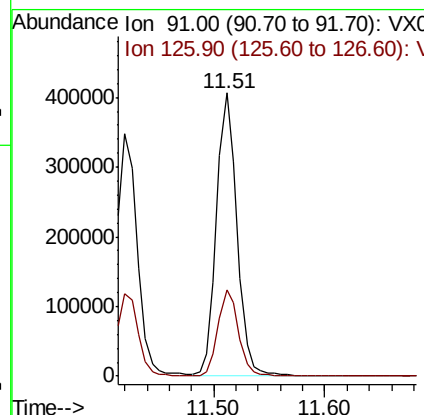
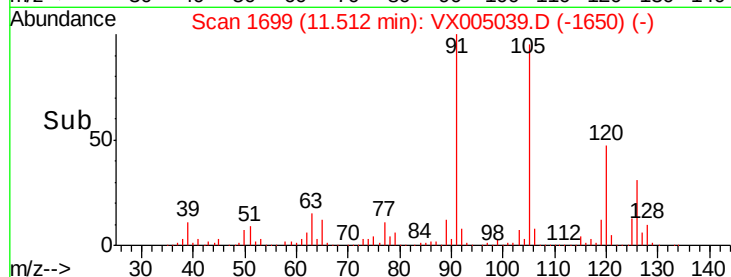
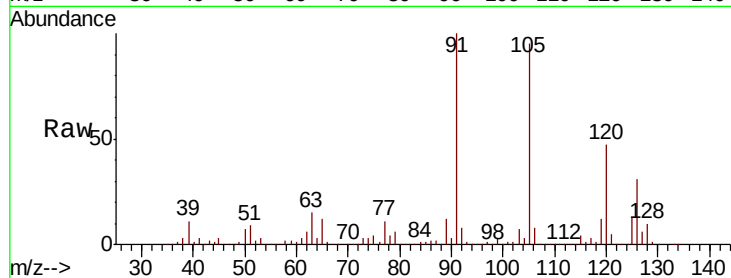
#82
4-Chlorotoluene
Concen: 52.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion: 91 Resp: 520771
Ion Ratio Lower Upper
91 100
126 30.5 15.5 46.5

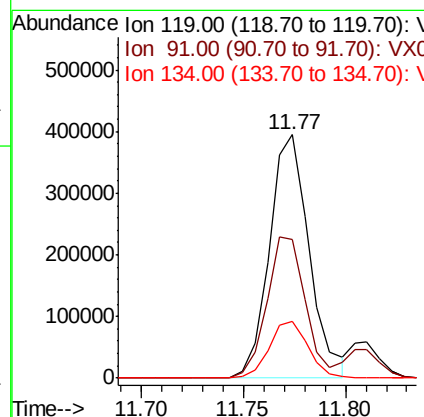
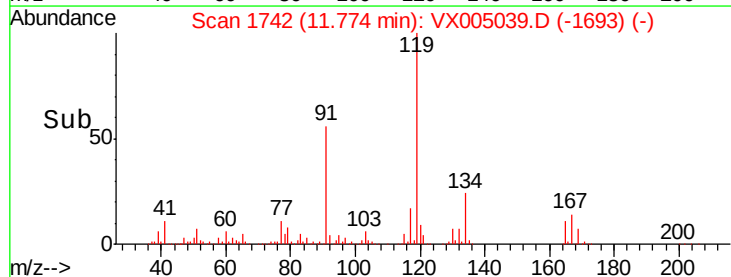
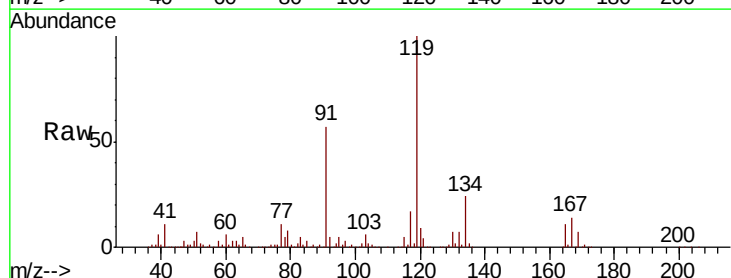
Manual Integrations
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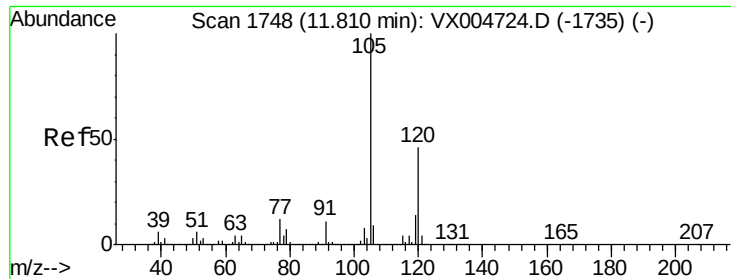
MMDadoda
10/5/2018 3:24:52 PM



#83
tert-Butylbenzene
Concen: 55.089 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion: 119 Resp: 536474
Ion Ratio Lower Upper
119 100
91 55.9 27.5 82.5
134 22.7 11.5 34.4





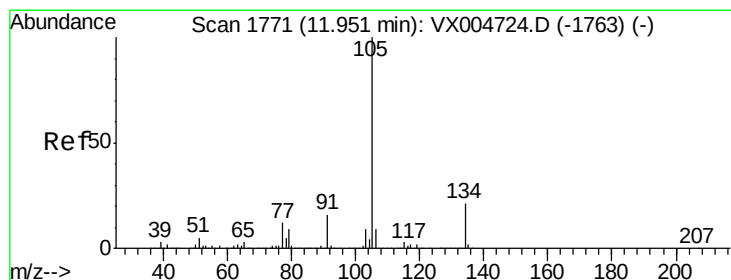
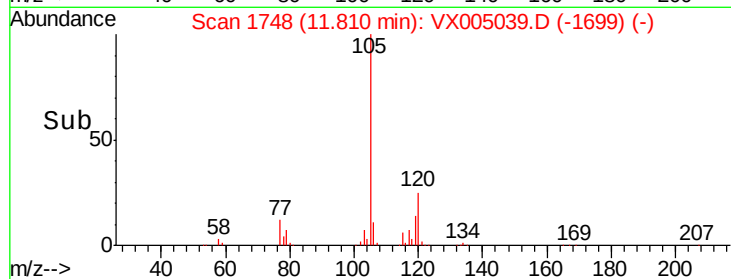
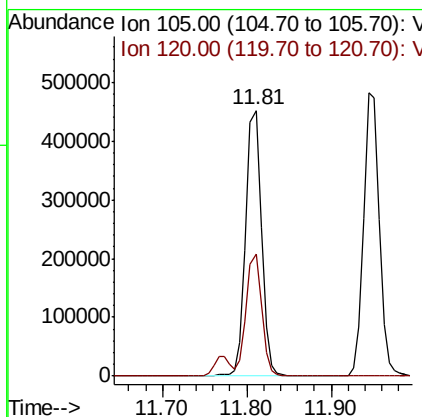
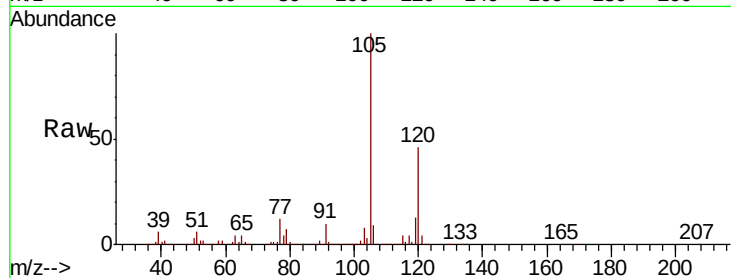
#84
 1,2,4-Trimethylbenzene
 Concen: 50.463 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3

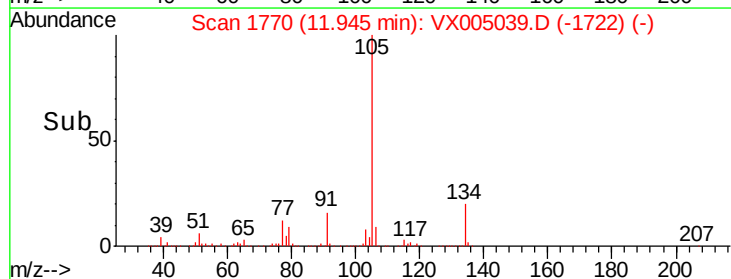
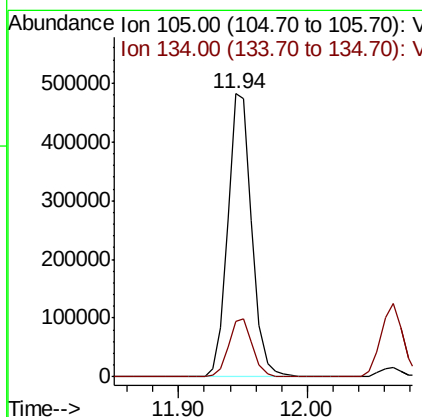
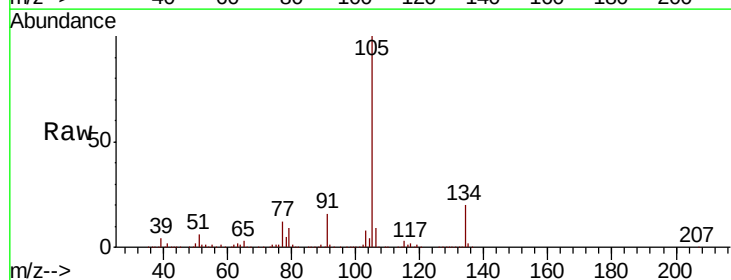
Manual Integrations
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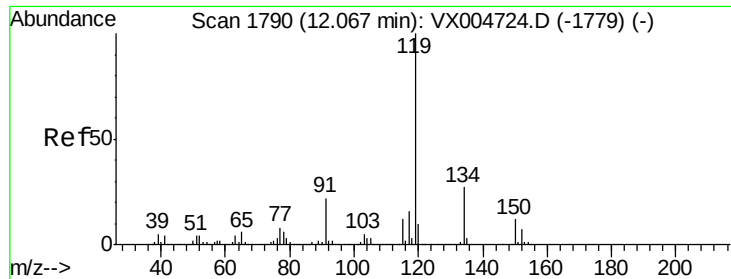
MMDadoda
 10/5/2018 3:24:52 PM



#85
 sec-Butylbenzene
 Concen: 52.950 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4





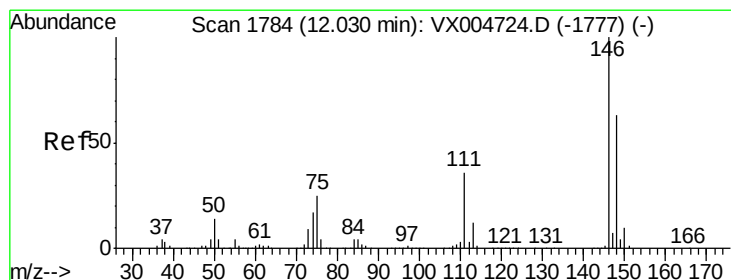
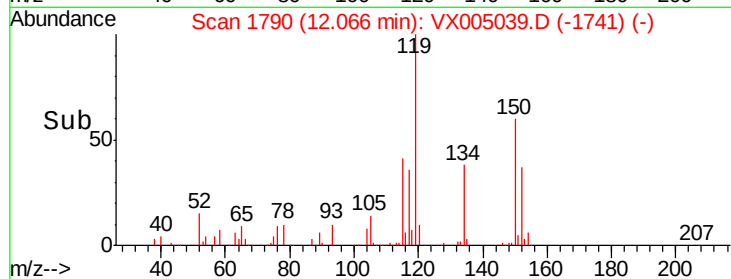
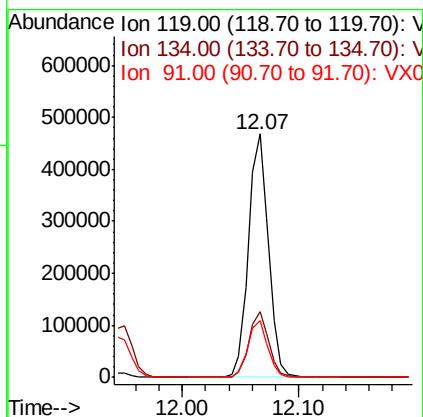
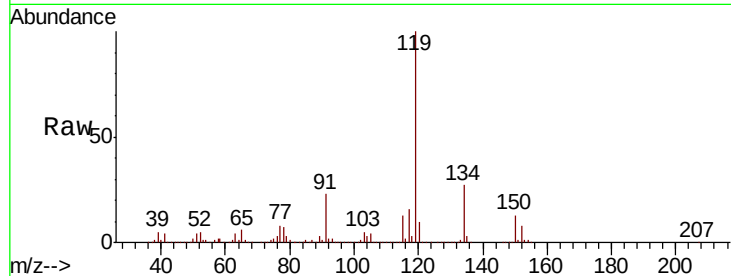
#86
 p-Isopropyltoluene
 Concen: 52.421 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.4	40.1
91	23.1	11.5	34.4

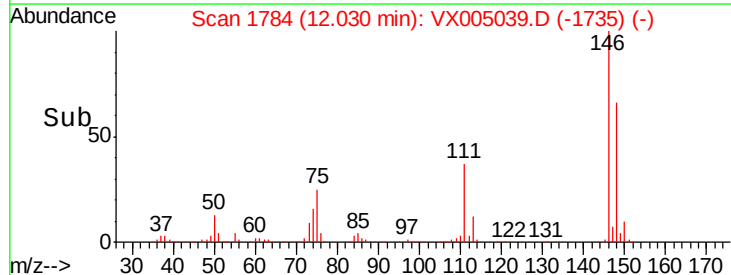
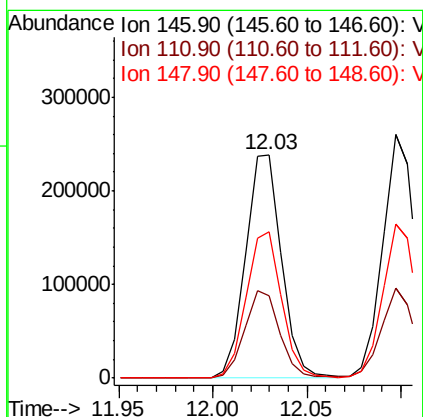
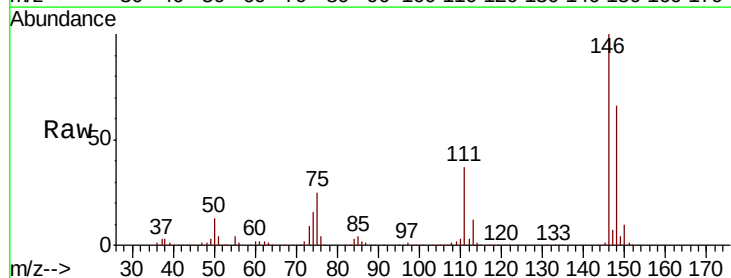
Manual Integrations
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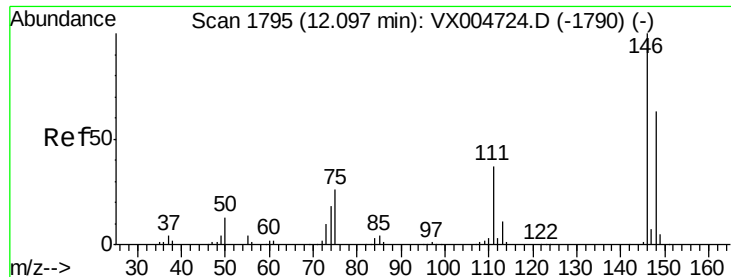
MMDadoda
 10/5/2018 3:24:52 PM



#87
 1,3-Dichlorobenzene
 Concen: 49.236 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	64.8	31.8	95.3





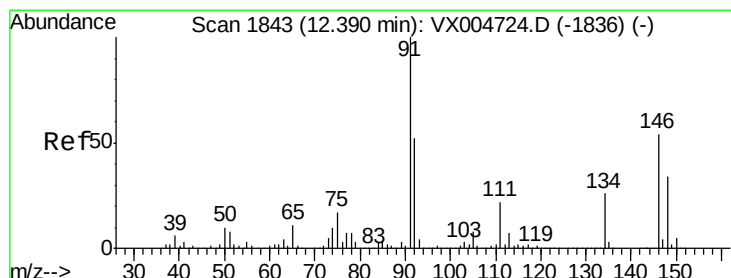
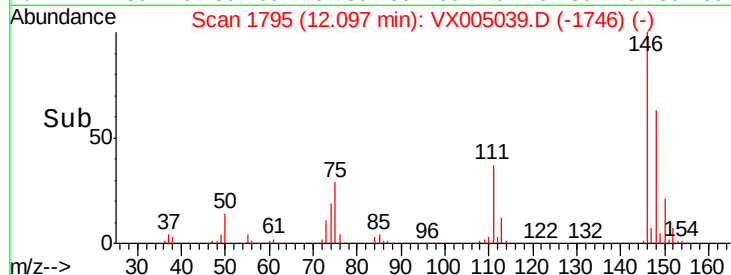
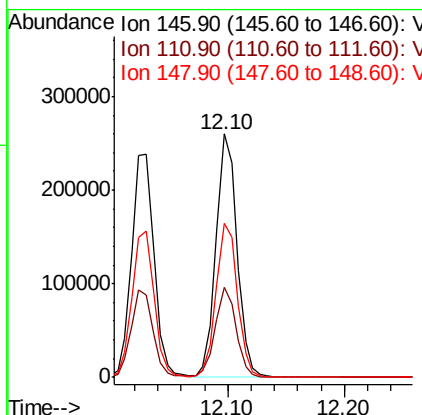
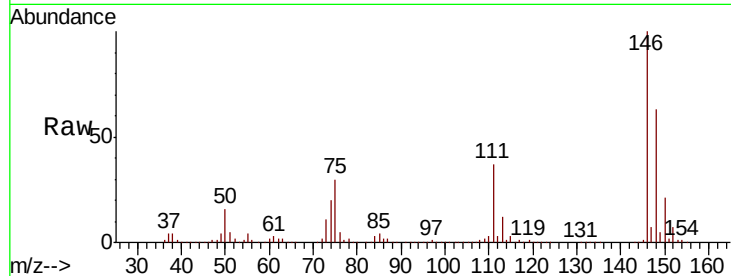
#88
 1,4-Dichlorobenzene
 Concen: 48.753 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	64.4	32.0	96.0

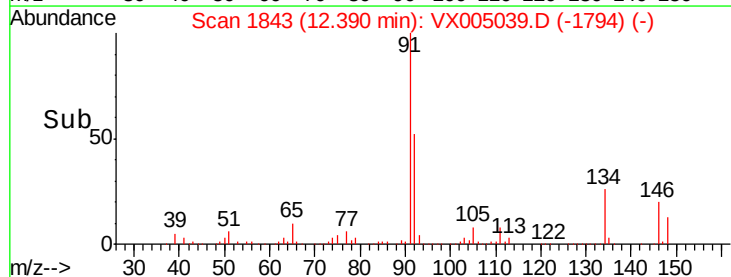
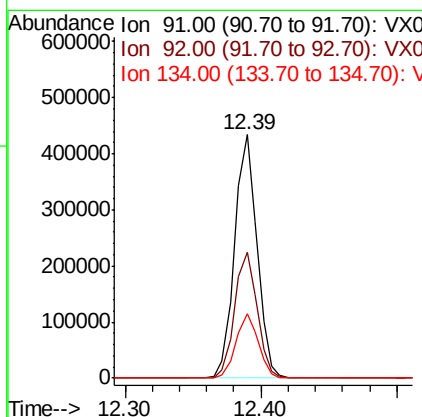
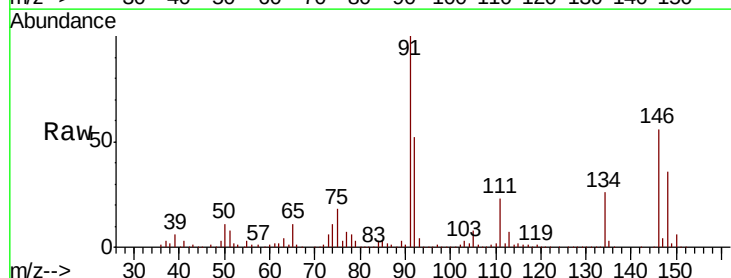
Manual Integrations
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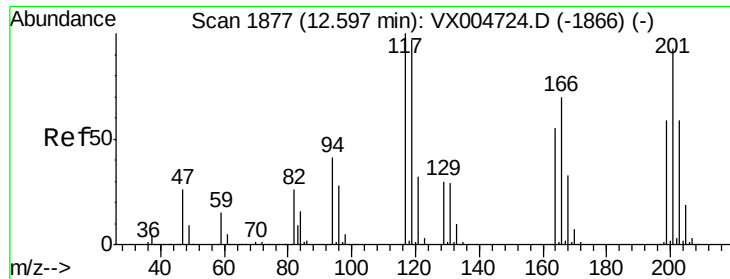
MMDadoda
 10/5/2018 3:24:52 PM



#89
 n-Butylbenzene
 Concen: 50.832 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.3	13.2	39.6





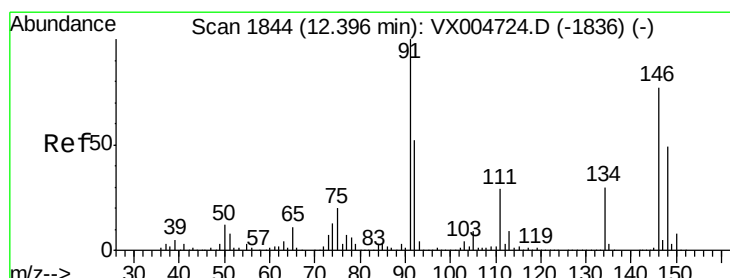
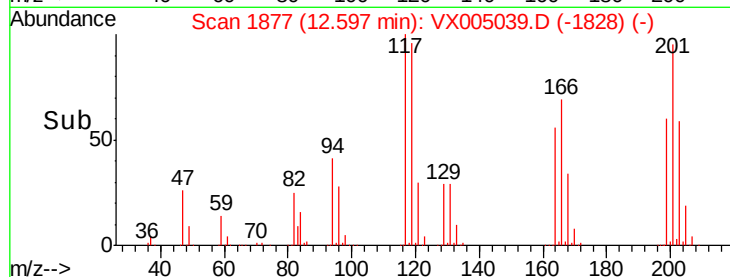
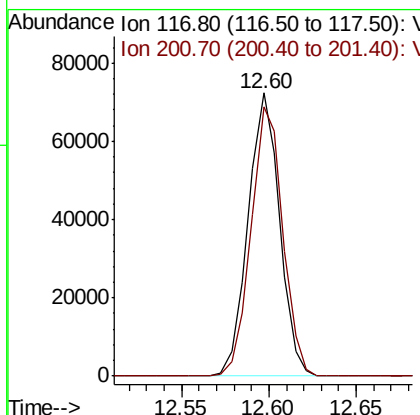
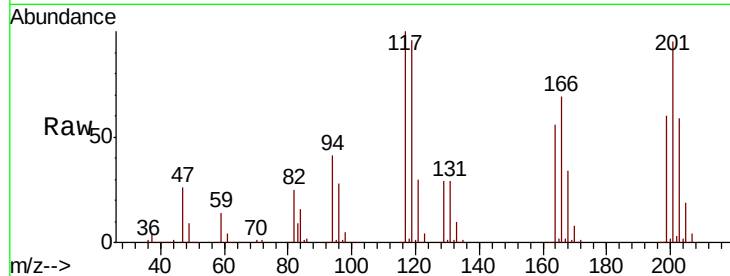
#90
Hexachloroethane
Concen: 50.492 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion:117 Resp: 90345
Ion Ratio Lower Upper
117 100
201 96.1 48.4 145.0

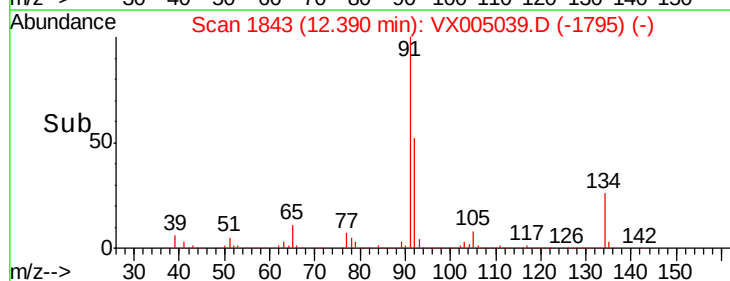
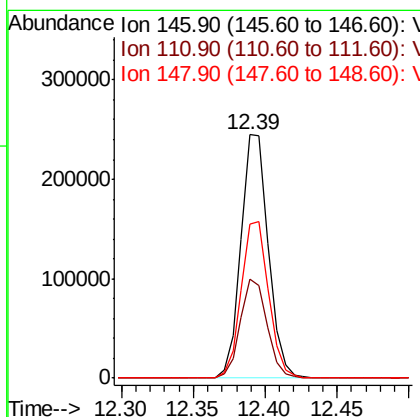
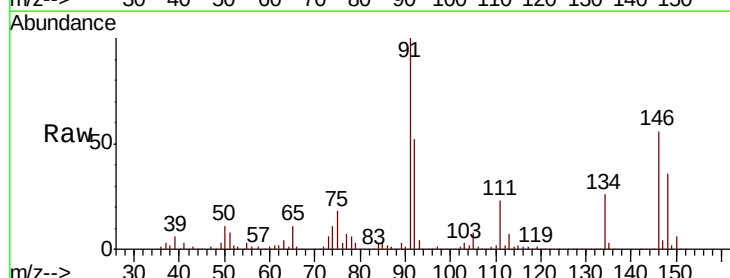
Manual Integrations
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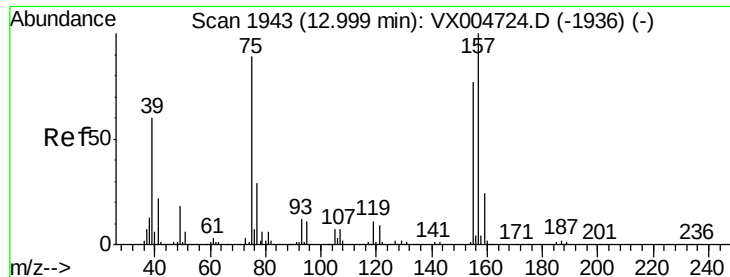
MMDadoda
10/5/2018 3:24:52 PM



#91
1,2-Dichlorobenzene
Concen: 48.259 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion:146 Resp: 323529
Ion Ratio Lower Upper
146 100
111 39.6 19.6 58.7
148 64.5 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.723 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Instrument :

MSVOA_X

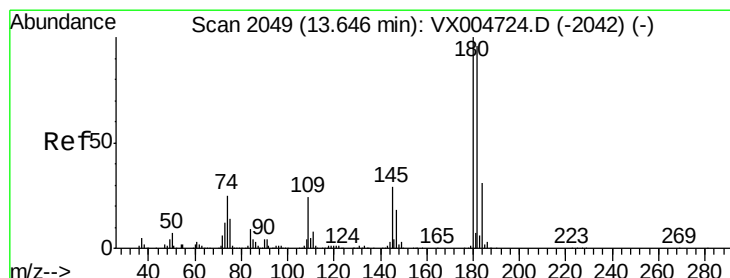
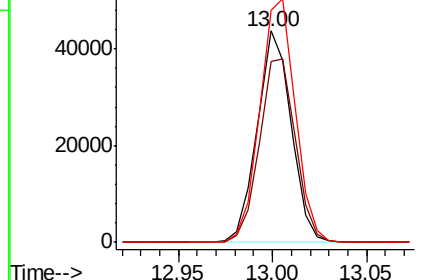
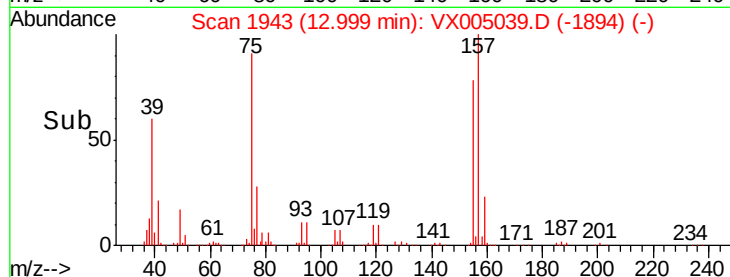
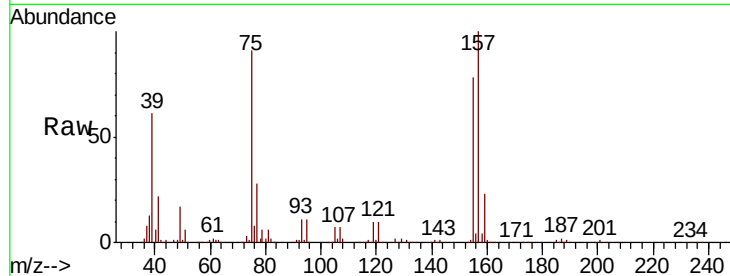
ClientSampleId :

SA-TW511-2125MS

Tot Ion:	75	Resp:	54680
Ion	Ratio	Lower	Upper
75	100		
155	92.0	46.1	138.3
157	119.2	60.2	180.6

Manual Integrations
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10/5/2018 3:24:52 PM



#93

1,2,4-Trichlorobenzene

Concen: 49.897 ug/l

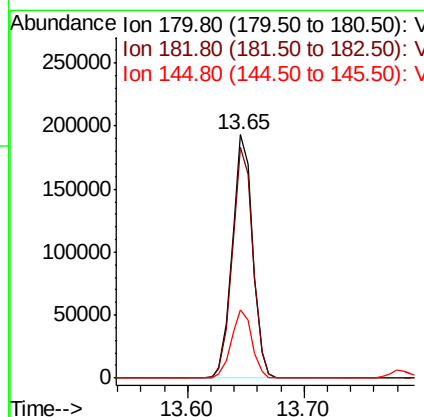
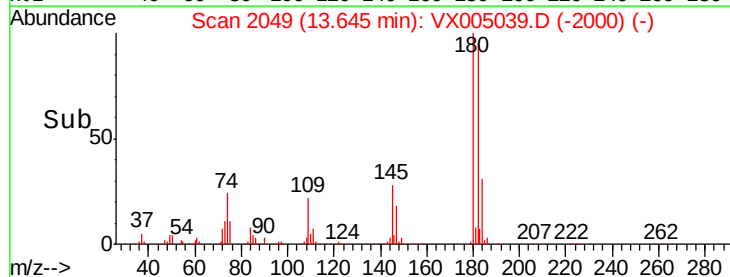
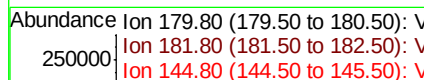
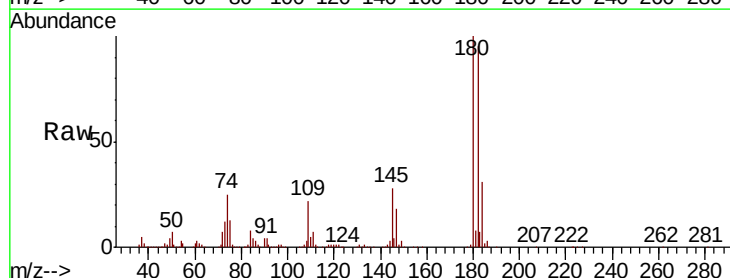
RT: 13.65 min Scan# 2049

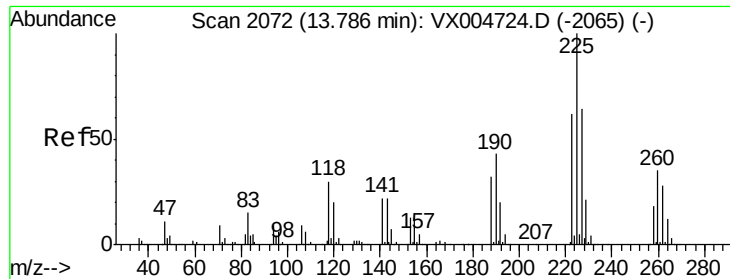
Delta R.T. -0.00 min

Lab File: VX005039.D

Acq: 05 Oct 2018 00:30

Tgt Ion:	180	Resp:	234656
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	28.2	14.1	42.4





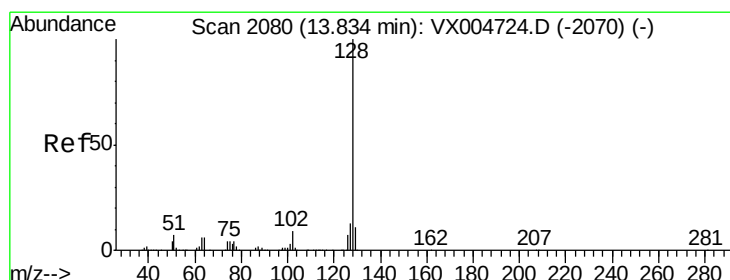
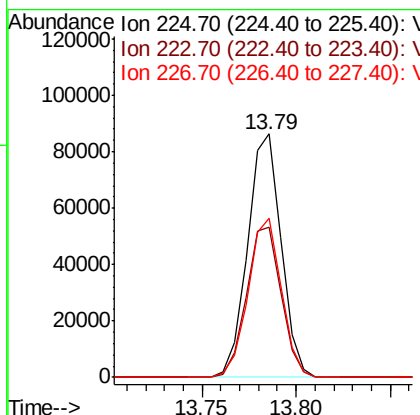
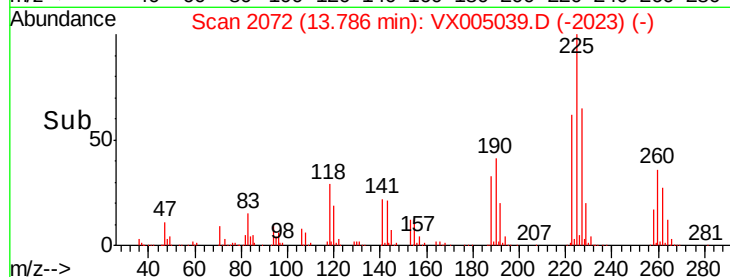
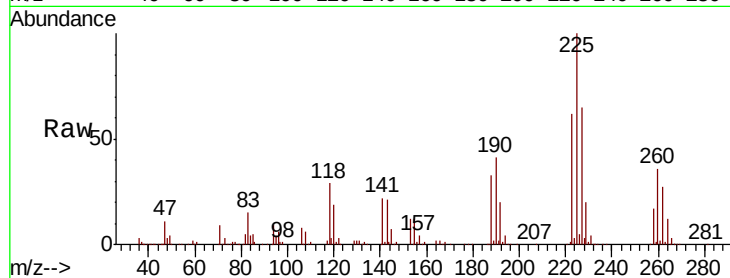
#94
Hexachlorobutadiene
Concen: 43.630 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Instrument :
MSVOA_X
ClientSampleId :
SA-TW511-2125MS

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	64.0	31.3	93.8
227	65.0	31.9	95.5

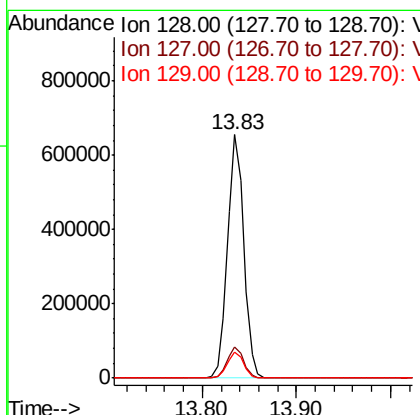
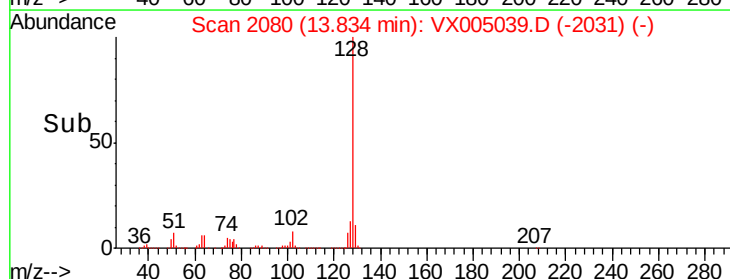
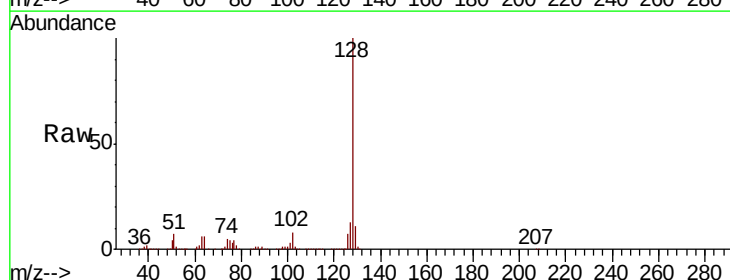
Manual Integrations
APPROVED

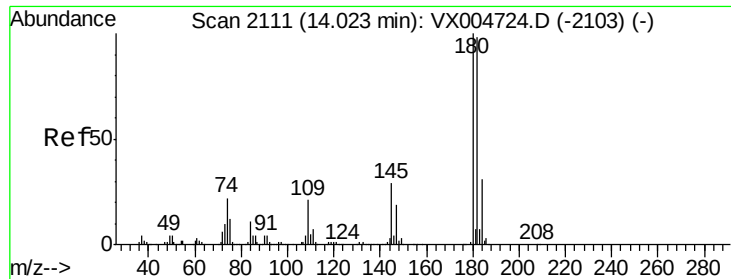
MMDadoda
10/5/2018 3:24:52 PM



#95
Naphthalene
Concen: 50.253 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005039.D
Acq: 05 Oct 2018 00:30

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 50.345 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005039.D
 Acq: 05 Oct 2018 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW511-2125MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244577		
182	95.2		47.9	143.8
145	29.8		15.0	45.0

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:52 PM

