

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008922.D
 Acq On : 13 Apr 2019 05:55
 Operator : JC/SP
 Sample : K2367-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Manual Integrations
 APPROVED

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 4/13/2019 2:12:53 PM

Quant Time: Apr 13 07:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103421	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
35) Dibromofluoromethane	5.50	113	78405	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	312844	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	117249	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	93078	52.119	ug/l	98
3) Chloromethane	1.32	50	119844	54.922	ug/l	100
4) Vinyl Chloride	1.41	62	114363	47.371	ug/l	98
5) Bromomethane	1.64	94	60534	50.867	ug/l	99
6) Chloroethane	1.71	64	66734	50.655	ug/l	99
7) Trichlorofluoromethane	1.92	101	127688	47.847	ug/l	98
8) Diethyl Ether	2.19	74	59858	47.298	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74233	43.204	ug/l	96
10) Methyl Iodide	2.51	142	81882	52.140	ug/l	100
11) Tert butyl alcohol	3.06	59	204655	386.303	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83769	46.703	ug/l	99
13) Acrolein	2.29	56	80722	307.287	ug/l	99
14) Allyl chloride	2.72	41	192190	46.806	ug/l	96
15) Acrylonitrile	3.15	53	381654	271.935	ug/l	99
16) Acetone	2.45	43	515885	395.806	ug/l	100
17) Carbon Disulfide	2.56	76	252879	48.805	ug/l	100
18) Methyl Acetate	2.78	43	152573	48.266	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	324710	50.692	ug/l	99
20) Methylene Chloride	2.85	84	99095	45.421	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	90051	46.415	ug/l	96
22) Diisopropyl ether	3.86	45	377354	47.681	ug/l	98
23) Vinyl Acetate	3.82	43	1586326	230.410	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186081	47.489	ug/l	98
25) 2-Butanone	4.68	43	605163	293.765	ug/l	99
26) 2,2-Dichloropropane	4.59	77	79313	28.739	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	113595	50.926	ug/l	93
28) Bromochloromethane	5.01	49	83413	51.023	ug/l	97
29) Tetrahydrofuran	5.13	42	392517	287.077	ug/l	99
30) Chloroform	5.21	83	169646	48.474	ug/l	99
31) Cyclohexane	5.58	56	191519	48.984	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	141158	49.912	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131539	46.197	ug/l	99
37) Ethyl Acetate	4.84	43	192177	50.565	ug/l	100
38) Carbon Tetrachloride	5.79	117	116025	49.234	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177399	50.435	ug/l	99
40) Benzene	6.14	78	461269	54.379	ug/l	100
41) Methacrylonitrile	5.04	41	112865	51.664	ug/l	99
42) 1,2-Dichloroethane	6.20	62	143712	47.258	ug/l	99
43) Isopropyl Acetate	6.45	43	303372	50.956	ug/l	100
44) Trichloroethene	7.21	130	95143	48.158	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115309	47.626	ug/l	98
46) Dibromomethane	7.66	93	66601	47.430	ug/l	96
47) Bromodichloromethane	7.90	83	132069	49.882	ug/l	99
48) Methyl methacrylate	7.77	41	161958	53.777	ug/l	99
49) 1,4-Dioxane	7.74	88	69688	1235.243	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1084872	283.067	ug/l	100
52) Toluene	8.79	92	249329	49.857	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	143954	48.538	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158827	46.868	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99703	49.668	ug/l	97
56) Ethyl methacrylate	9.18	69	192428	52.981	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176671	49.013	ug/l	99
59) 2-Hexanone	9.49	43	870236	292.176	ug/l	99
60) Dibromochloromethane	9.59	129	98420	52.030	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104097	49.813	ug/l	98
64) Tetrachloroethene	9.34	164	79644	45.725	ug/l	97
65) Chlorobenzene	10.14	112	253278	48.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92224	50.444	ug/l	99
67) Ethyl Benzene	10.25	91	774791	79.732	ug/l	99
68) m/p-Xylenes	10.36	106	581251	166.360	ug/l	97
69) o-Xylene	10.70	106	179237	52.934	ug/l	98
70) Styrene	10.71	104	285249	48.872	ug/l	100
71) Bromoform	10.86	173	74335	53.237	ug/l #	100
73) Isopropylbenzene	11.02	105	461853	50.510	ug/l	100
74) N-amyl acetate	10.90	43	258326	48.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163885	47.127	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	162529m	53.623	ug/l	
77) Bromobenzene	11.26	156	108108	49.181	ug/l	95
78) n-propylbenzene	11.36	91	545698	51.255	ug/l	99
79) 2-Chlorotoluene	11.42	91	308374	47.863	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386641	50.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50531	45.956	ug/l	96
82) 4-Chlorotoluene	11.51	91	342540	45.930	ug/l	99
83) tert-Butylbenzene	11.77	119	352312	47.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	661459	85.110	ug/l	98
85) sec-Butylbenzene	11.94	105	418008	47.657	ug/l	98
86) p-Isopropyltoluene	12.06	119	388386	49.334	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187911	47.751	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189091	47.453	ug/l	99
89) n-Butylbenzene	12.39	91	346462	46.927	ug/l	97
90) Hexachloroethane	12.60	117	69903	53.535	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	185517	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44266	57.865	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	128629	47.349	ug/l	98

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ClientSampleId :
S8-0703MSD

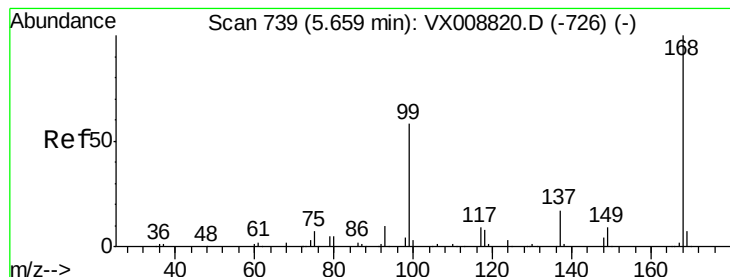
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52075	39.970	ug/l	99
95) Naphthalene	13.83	128	571661	62.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129215	47.606	ug/l	99

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



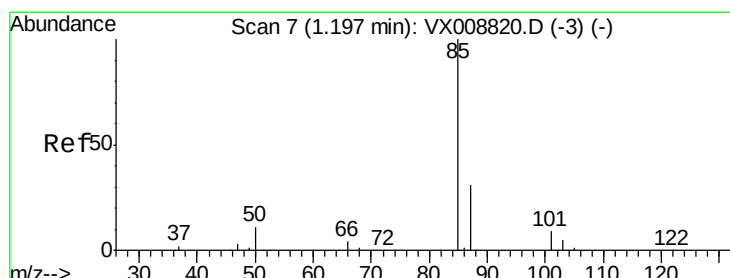
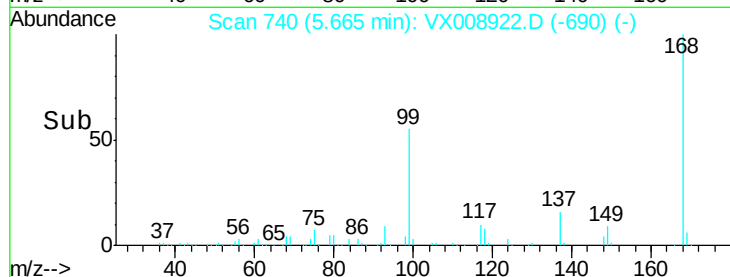
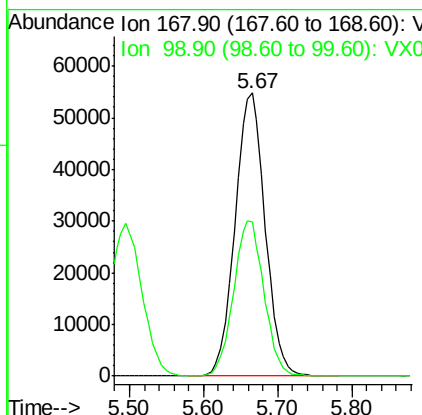
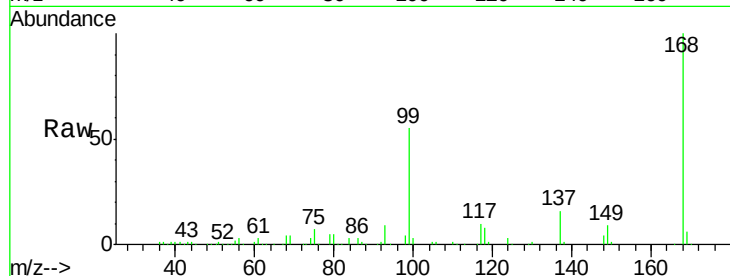
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
99	54.4	46.7	70.1

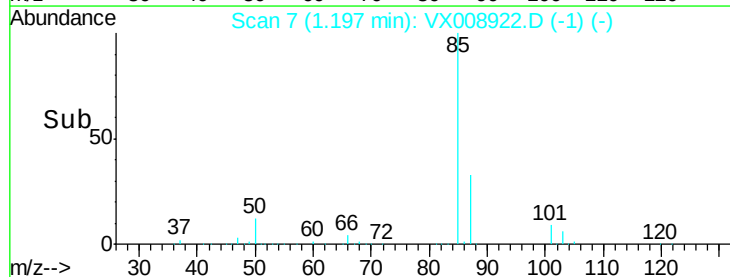
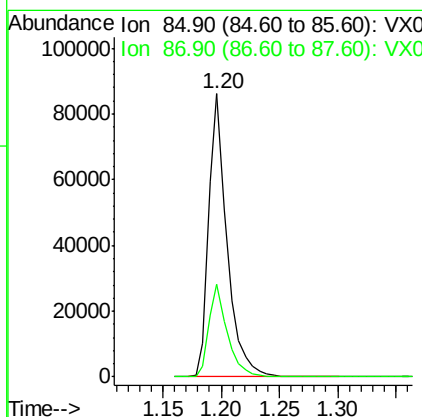
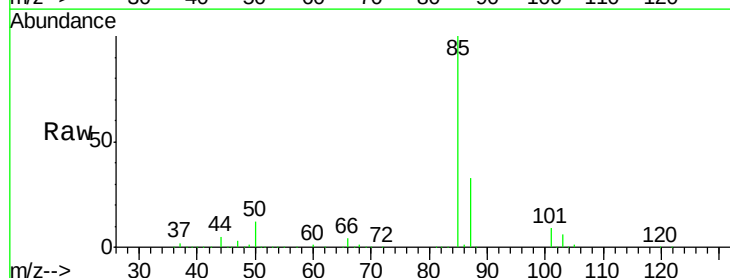
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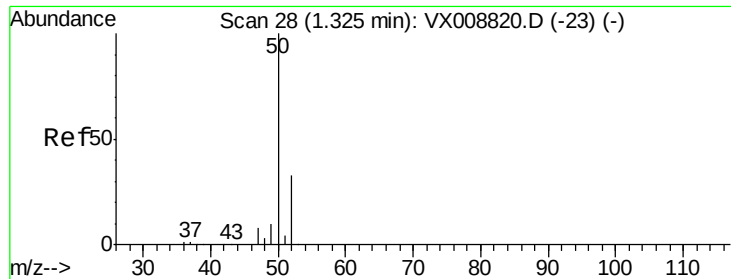
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#2
Dichlorodifluoromethane
Concen: 52.119 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.8	47.3





#3

Chloromethane

Concen: 54.922 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 50 Resp: 119844

Ion Ratio Lower Upper

50 100

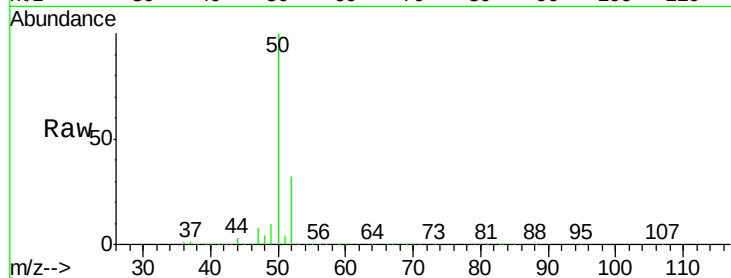
52 32.3 25.8 38.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

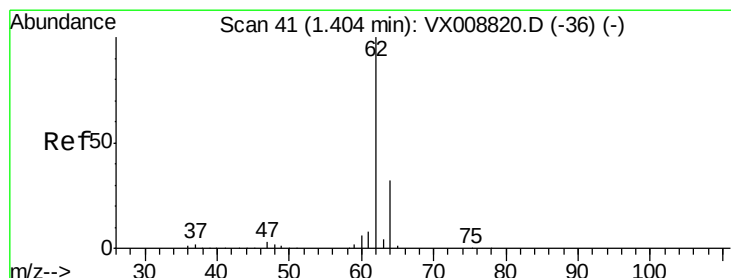
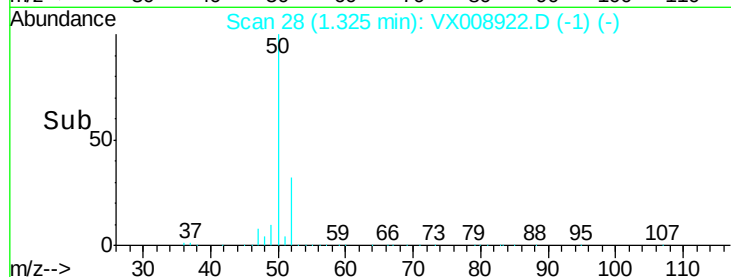
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.371 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008922.D

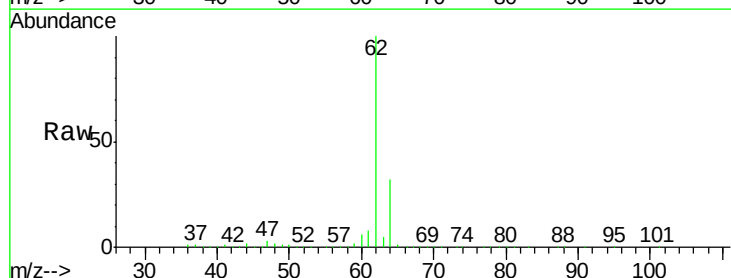
Acq: 13 Apr 2019 05:55

Tgt Ion: 62 Resp: 114363

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

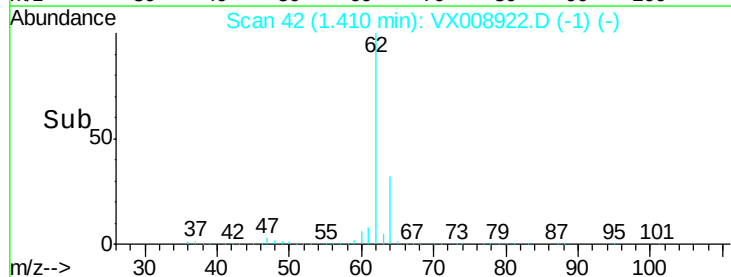
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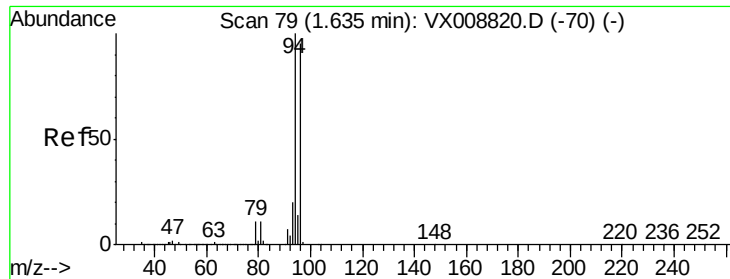
40000

20000

0

Time-->





#5

Bromomethane

Concen: 50.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 94 Resp: 60534

Ion Ratio Lower Upper

94 100

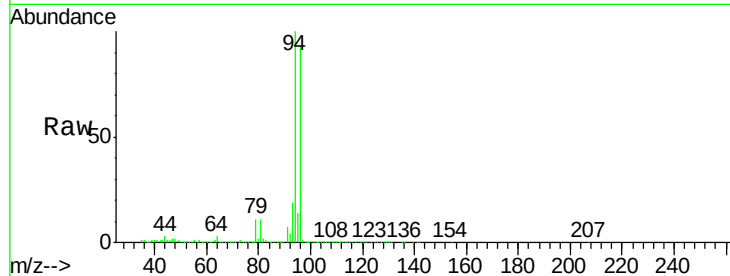
96 92.6 75.2 112.8

Manual Integrations

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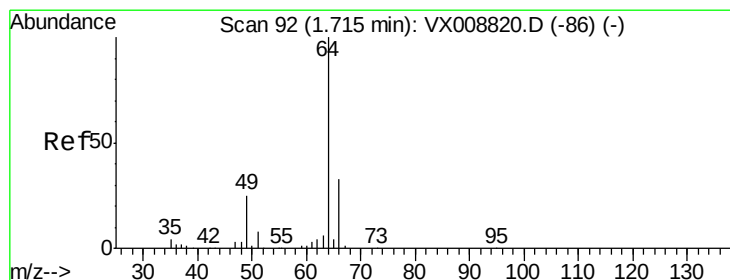
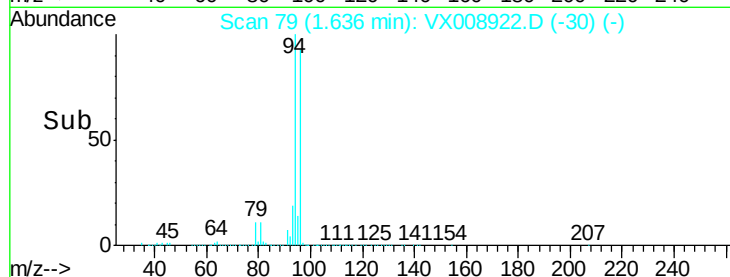
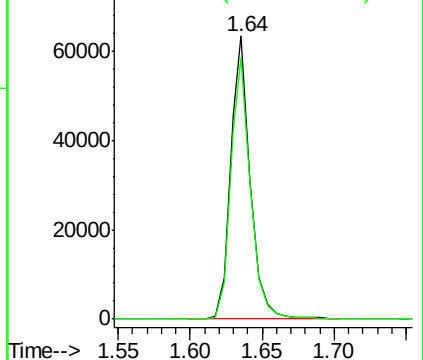
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.655 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008922.D

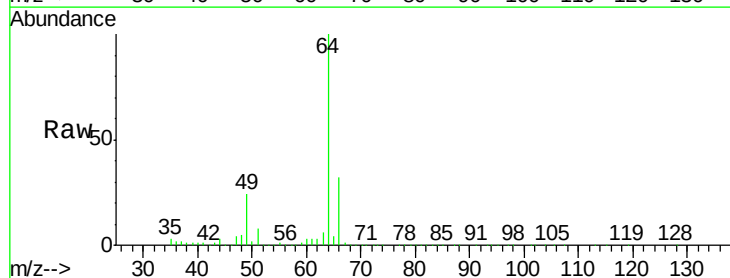
Acq: 13 Apr 2019 05:55

Tgt Ion: 64 Resp: 66734

Ion Ratio Lower Upper

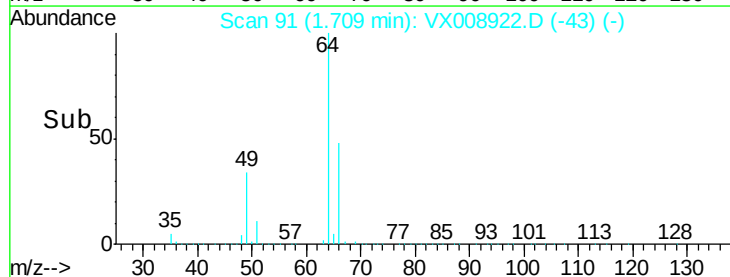
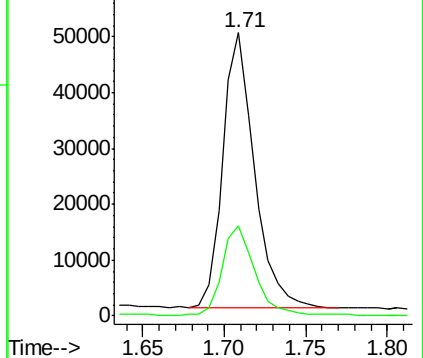
64 100

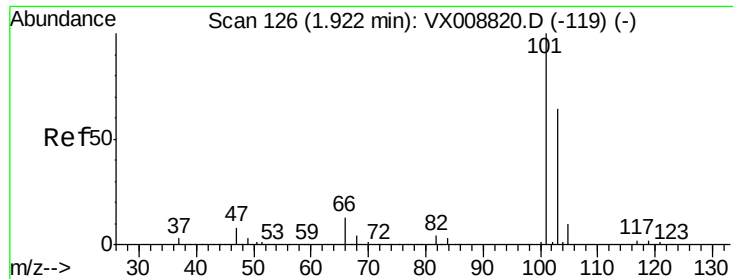
66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

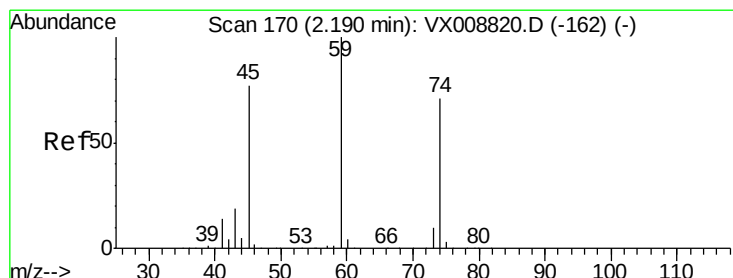
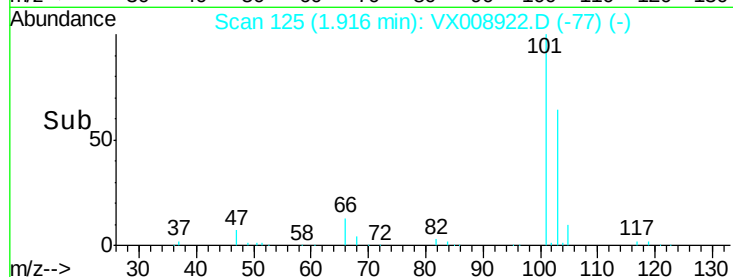
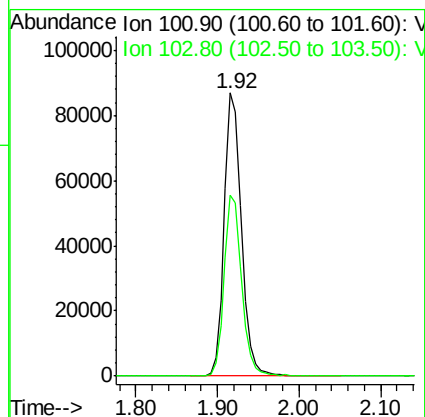
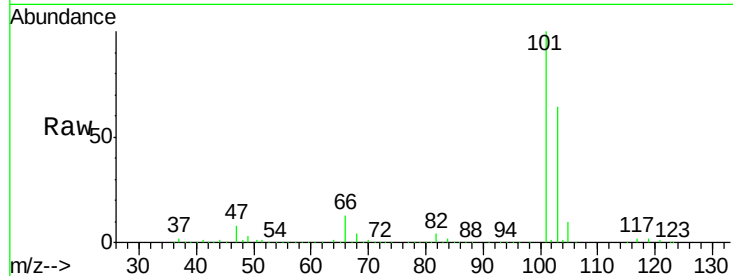
Trichlorofluoromethane
 Concen: 47.847 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

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 S8-0703MSD

Tgt Ion: 101 Resp: 127688
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

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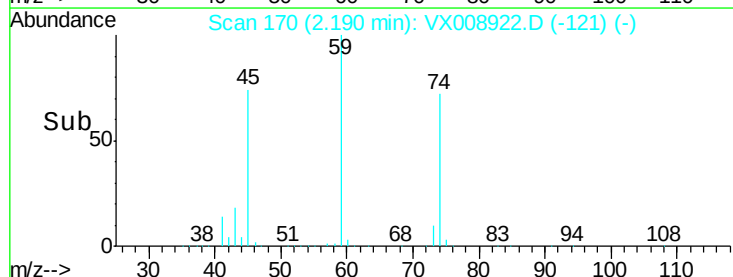
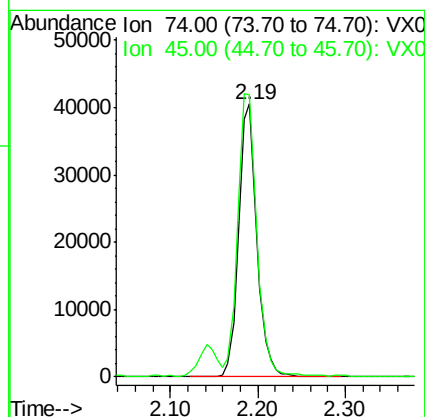
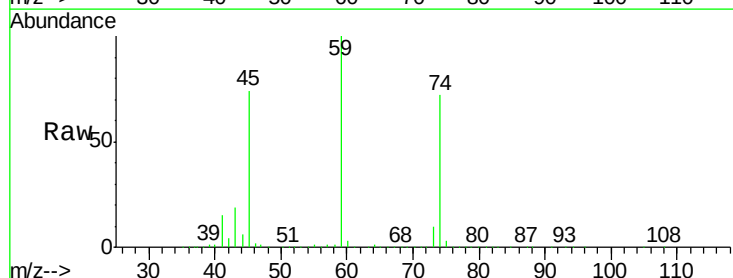
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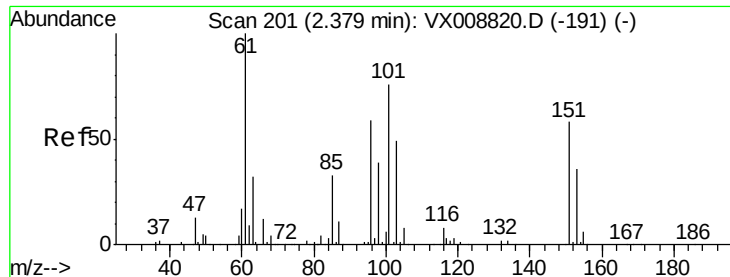


#8

Diethyl Ether
 Concen: 47.298 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 74 Resp: 59858
 Ion Ratio Lower Upper
 74 100
 45 107.5 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.204 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

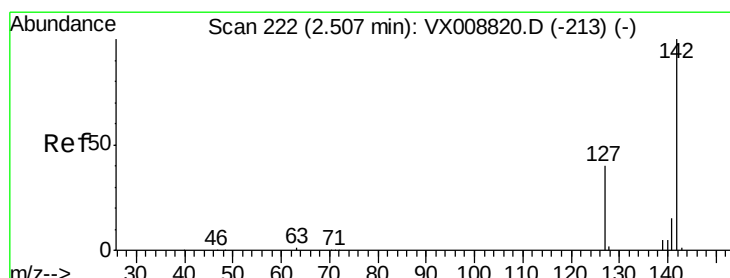
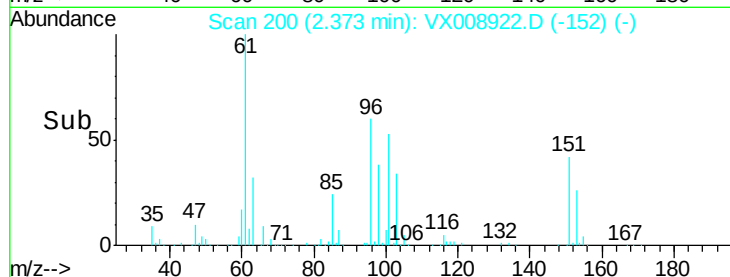
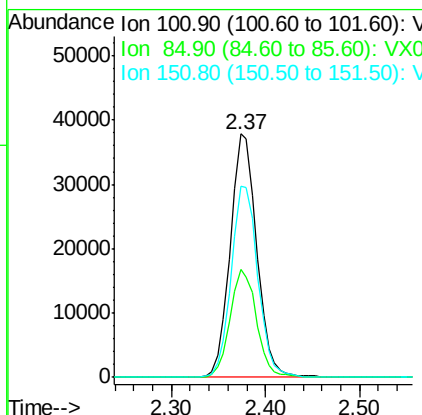
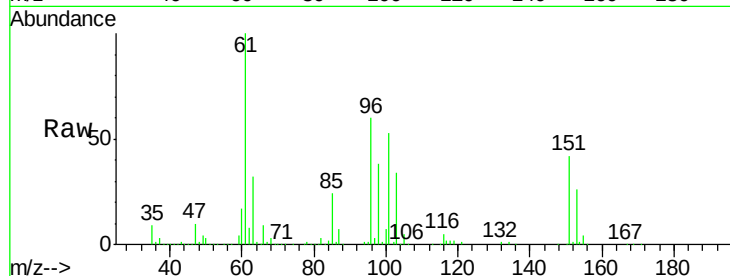
ClientSampleId :

S8-0703MSD

Tgt Ion:	101	Resp:	74233
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	79.2	59.9	89.9

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#10

Methyl Iodide

Concen: 52.140 ug/l

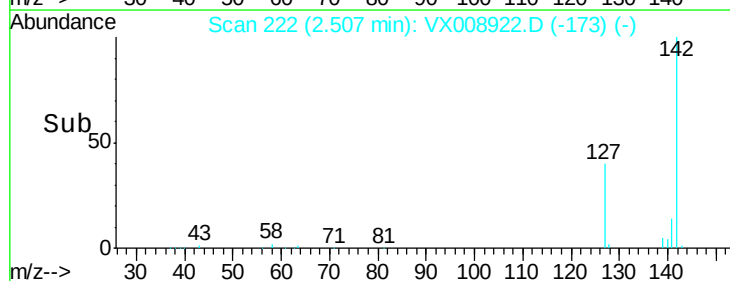
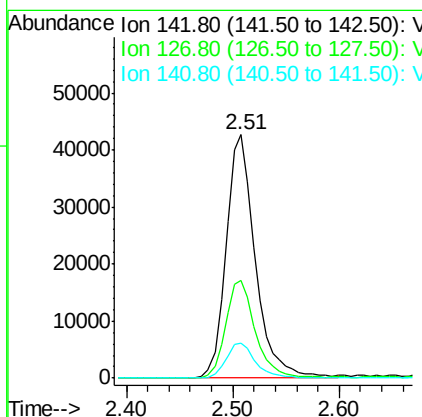
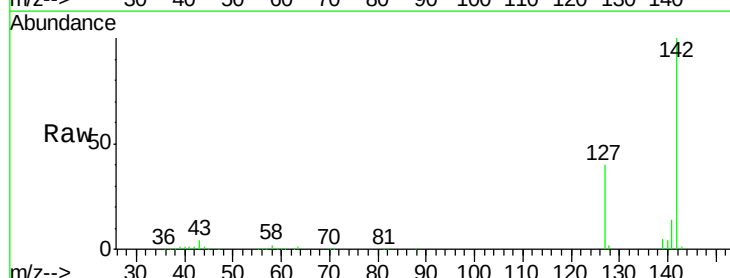
RT: 2.51 min Scan# 222

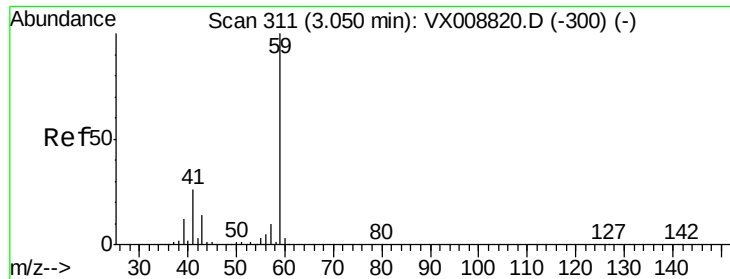
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	142	Resp:	81882
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.0	49.6
141	14.4	11.4	17.2





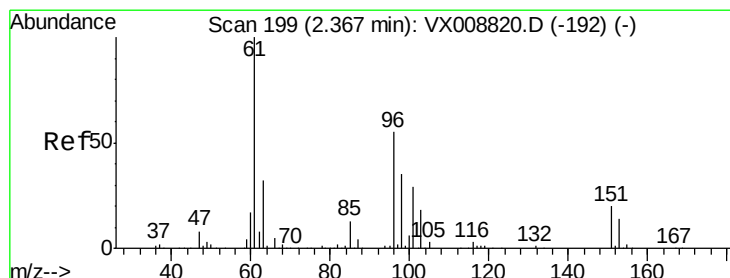
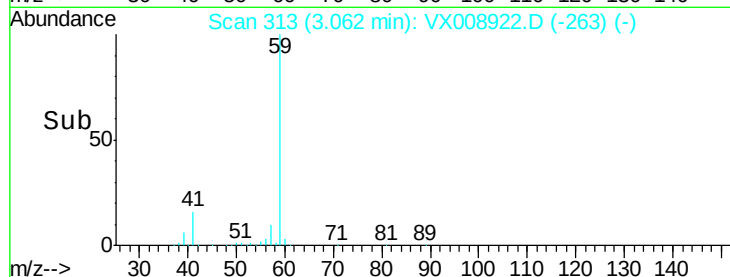
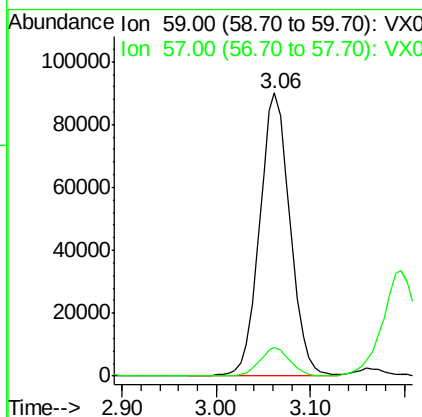
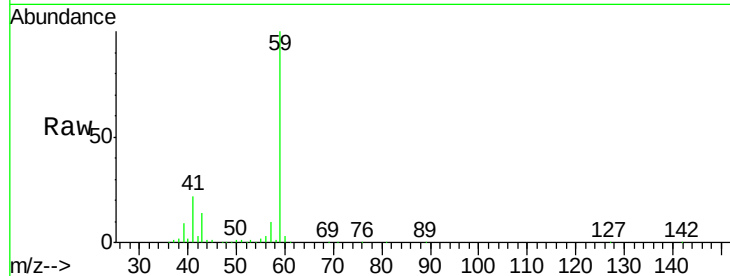
#11
Tert butyl alcohol
Concen: 386.303 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampled :
S8-0703MSD

Tgt Ion: 59 Resp: 204655
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

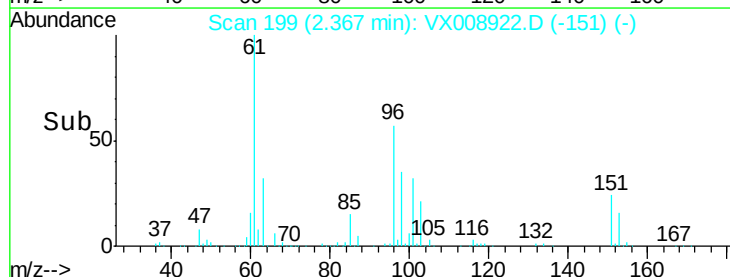
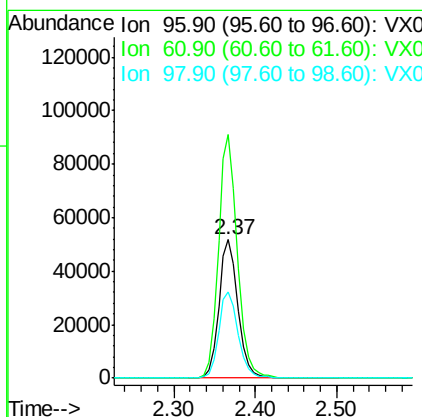
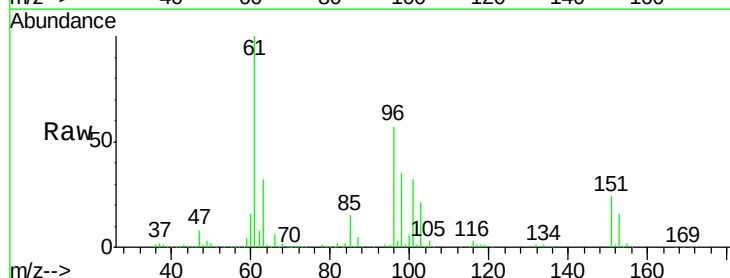
Manual Integrations
APPROVED

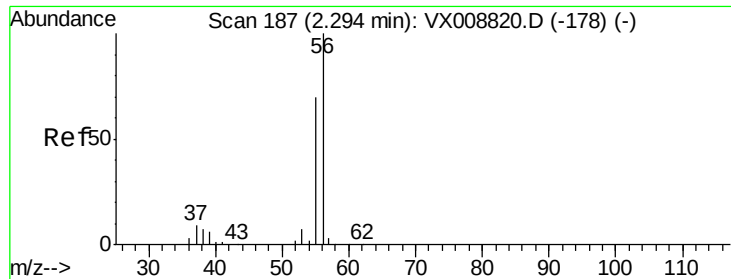
MMDadoda
4/13/2019 2:12:53 PM



#12
1,1-Dichloroethene
Concen: 46.703 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 96 Resp: 83769
Ion Ratio Lower Upper
96 100
61 176.3 140.9 211.3
98 62.0 52.1 78.1





#13

Acrolein

Concen: 307.287 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 56 Resp: 80722

Ion Ratio Lower Upper

56 100

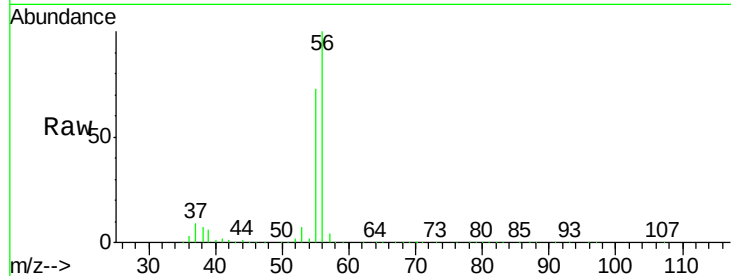
55 71.7 58.0 87.0

Manual Integrations

APPROVED

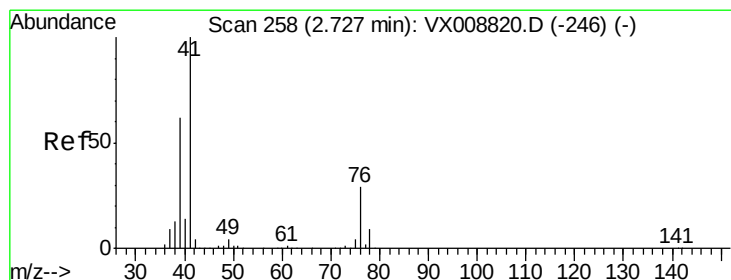
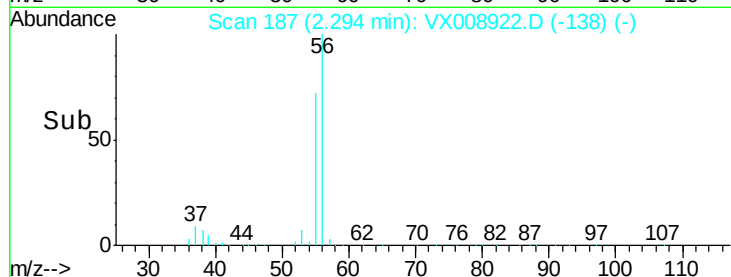
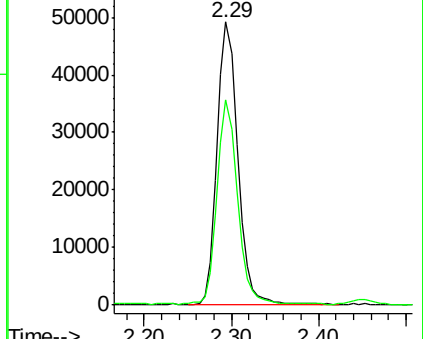
MMDadoda

4/13/2019 2:12:53 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.806 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

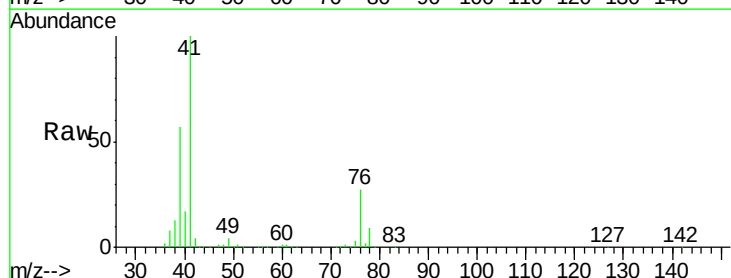
Tgt Ion: 41 Resp: 192190

Ion Ratio Lower Upper

41 100

39 56.2 48.0 72.0

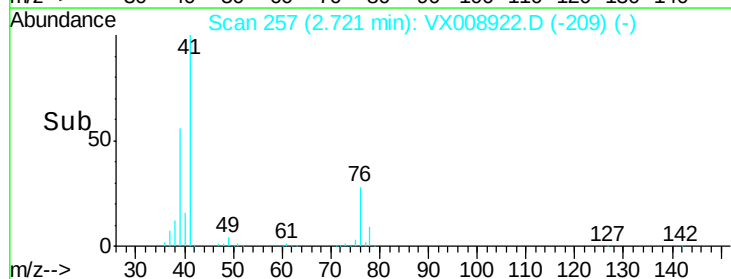
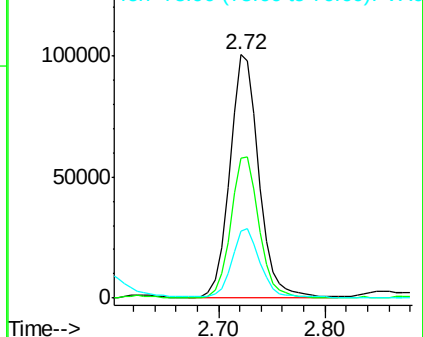
76 27.6 22.0 33.0

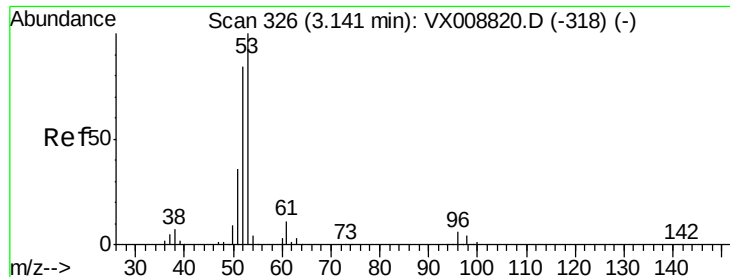


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 271.935 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

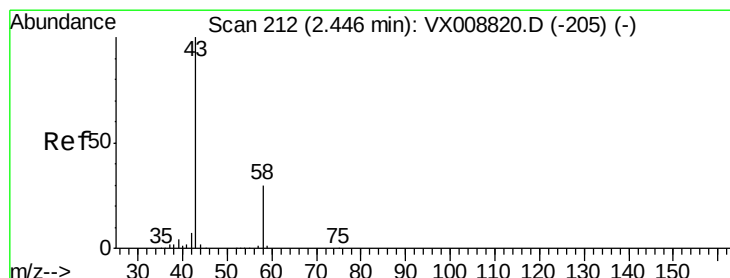
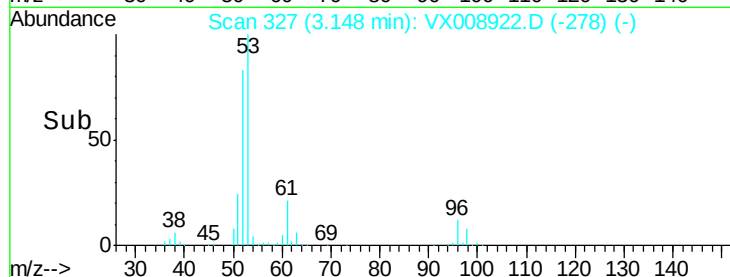
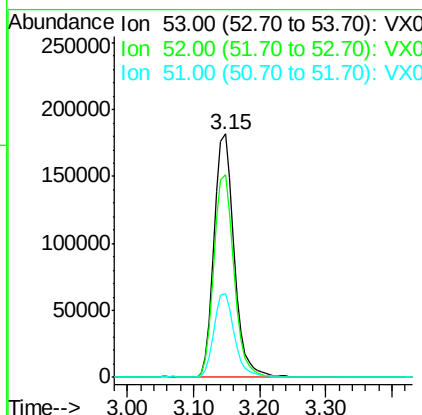
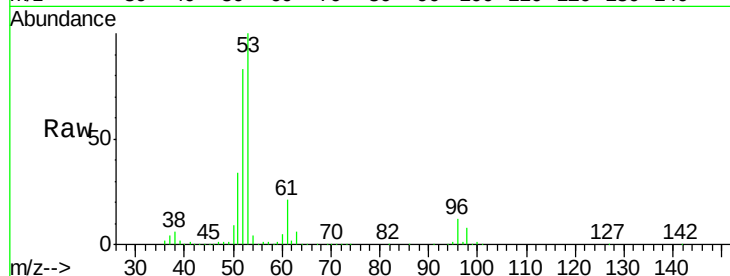
ClientSampleId :

S8-0703MSD

Tgt Ion:	53	Resp:	381654
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.5	99.7
51	35.0	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
4/13/2019 2:12:53 PM



#16

Acetone

Concen: 395.806 ug/l

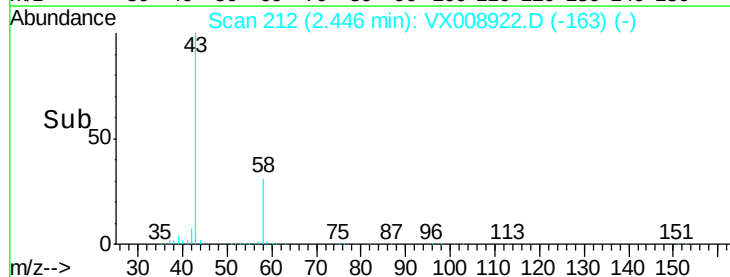
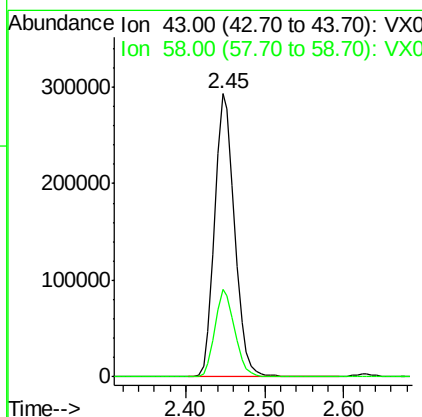
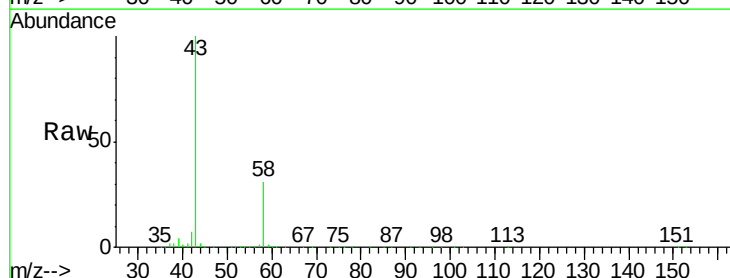
RT: 2.45 min Scan# 212

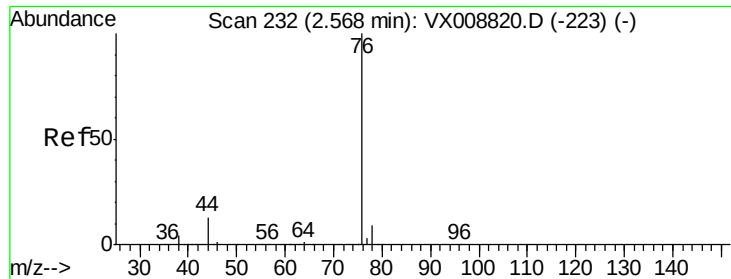
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	43	Resp:	515885
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.8	37.2





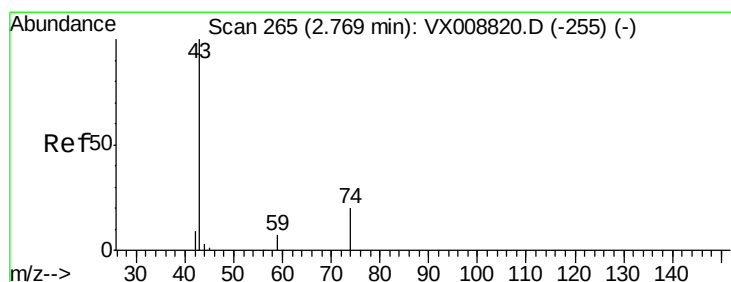
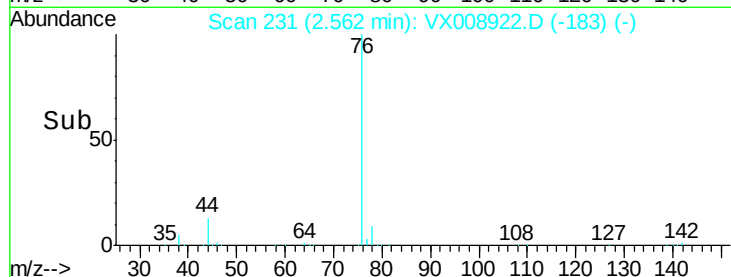
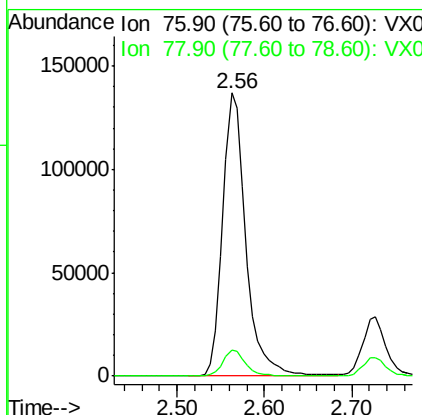
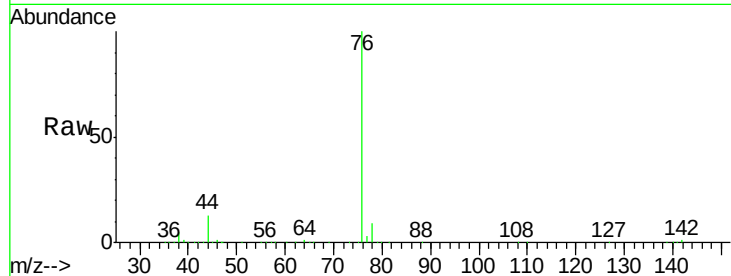
#17
Carbon Disulfide
Concen: 48.805 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion: 76 Resp: 252879
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

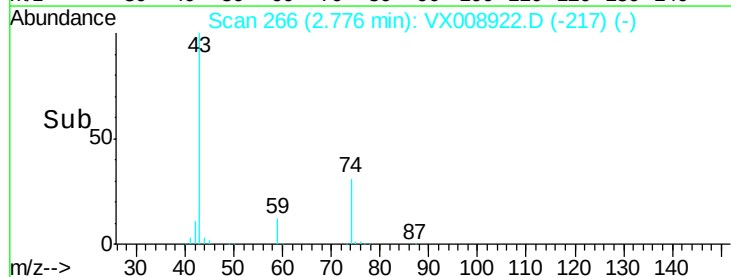
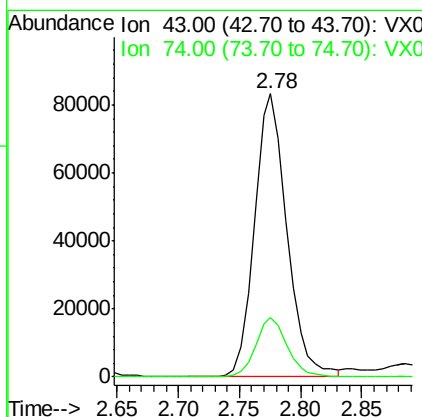
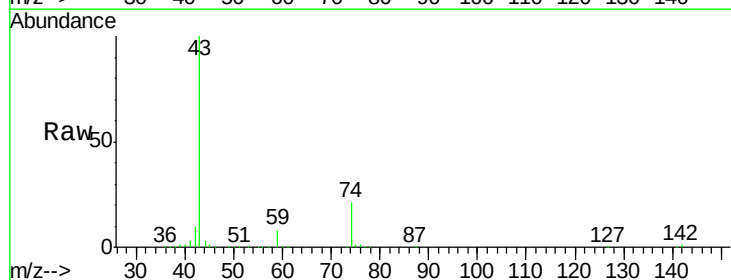
Manual Integrations
APPROVED

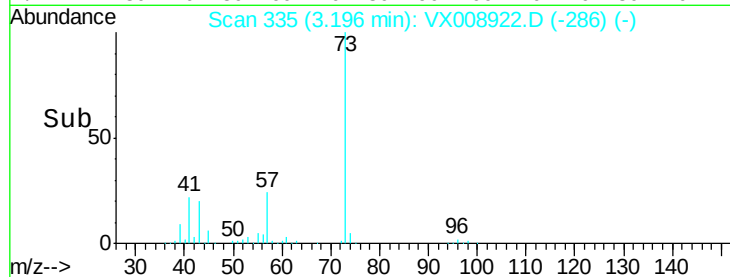
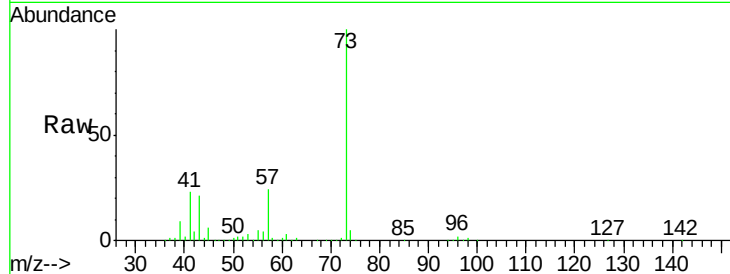
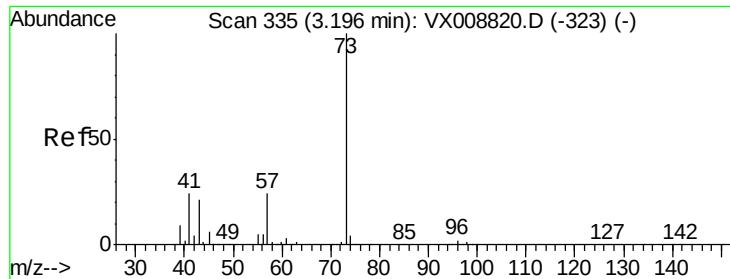
MMDadoda
4/13/2019 2:12:53 PM



#18
Methyl Acetate
Concen: 48.266 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 43 Resp: 152573
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





#19

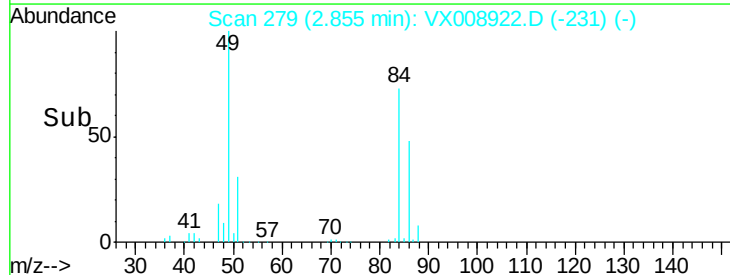
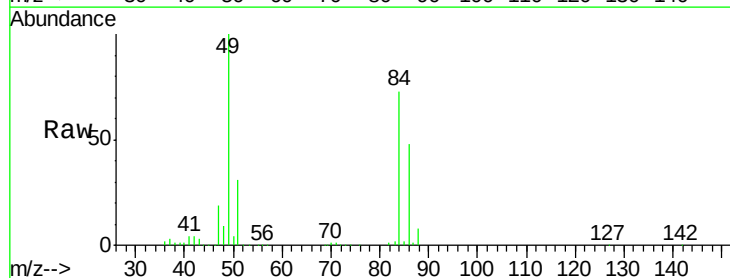
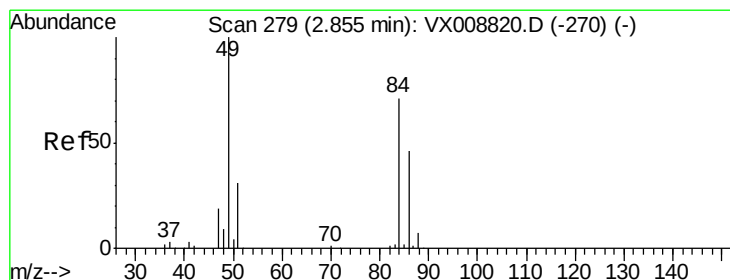
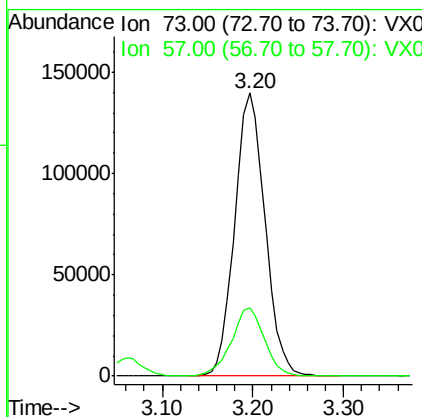
Methyl tert-butyl Ether
Concen: 50.692 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.5	29.3

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Manual Integrations
APPROVED

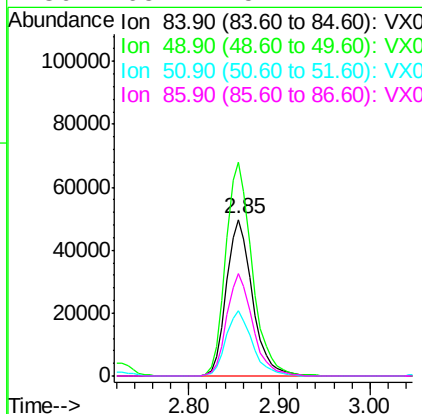
MMDadoda
4/13/2019 2:12:53 PM

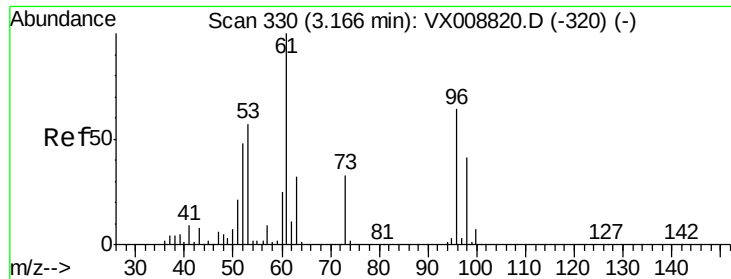


#20

Methylene Chloride
Concen: 45.421 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.6	109.7	164.5
51	41.9	33.6	50.4
86	65.4	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 46.415 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

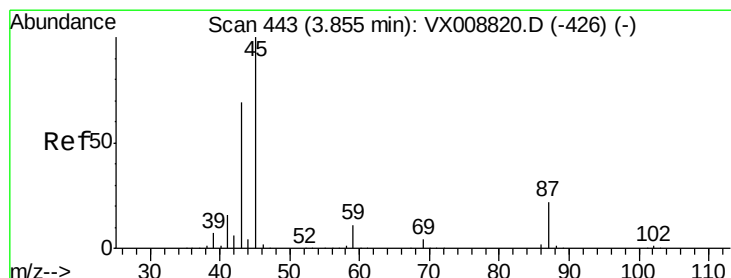
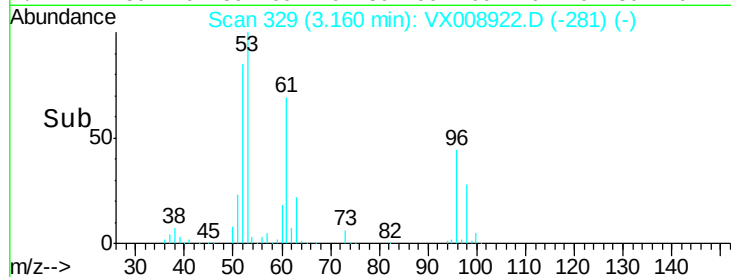
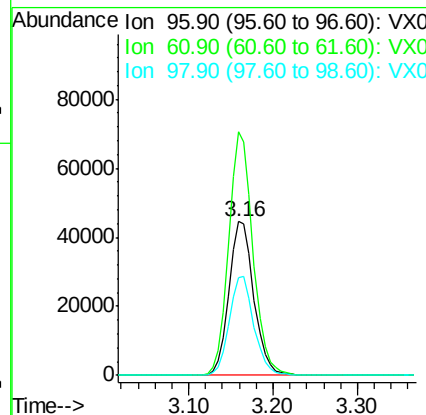
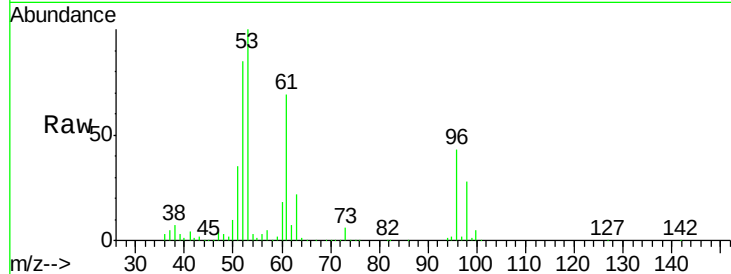
ClientSampleId :

S8-0703MSD

Tgt Ion:	96	Resp:	90051
Ion	Ratio	Lower	Upper
96	100		
61	158.6	132.1	198.1
98	63.6	52.2	78.2

Manual Integrations
APPROVED

MMDadoda
4/13/2019 2:12:53 PM



#22

Diisopropyl ether

Concen: 47.681 ug/l

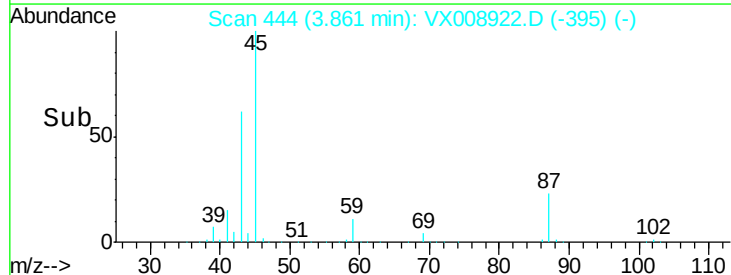
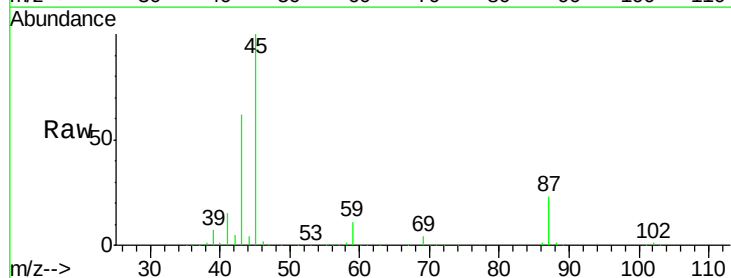
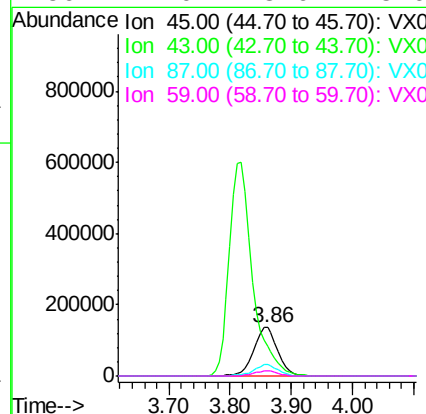
RT: 3.86 min Scan# 444

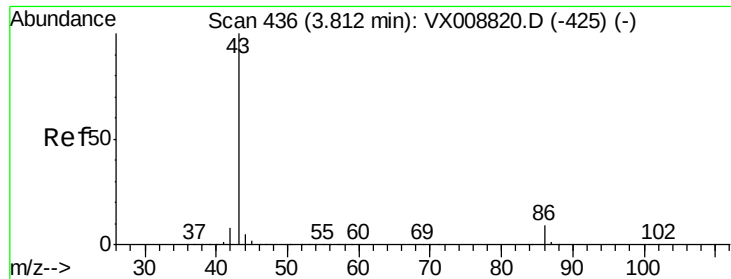
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	45	Resp:	377354
Ion	Ratio	Lower	Upper
45	100		
43	61.8	51.3	76.9
87	23.2	18.1	27.1
59	11.0	8.6	13.0





#23

Vinyl Acetate

Concen: 230.410 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 43 Resp: 1586326

Ion Ratio Lower Upper

43 100

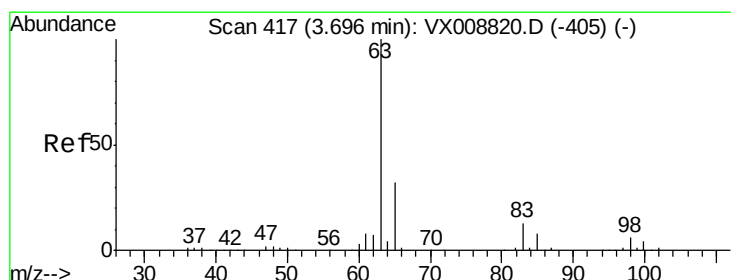
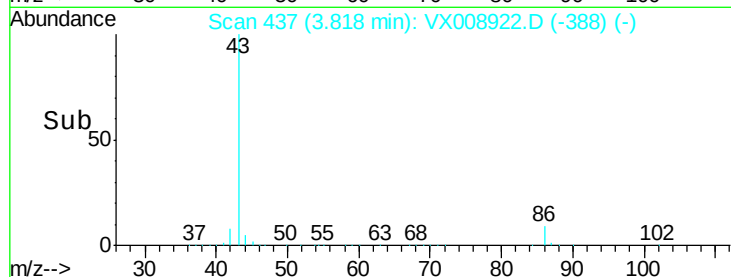
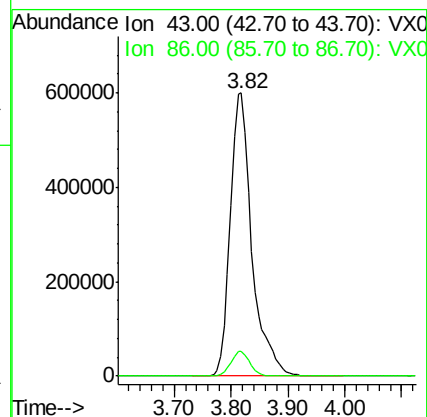
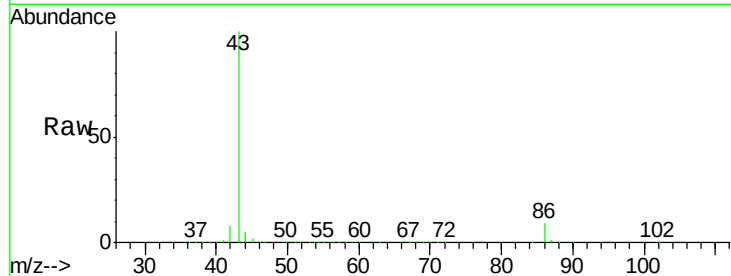
86 8.8 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

4/13/2019 2:12:53 PM



#24

1,1-Dichloroethane

Concen: 47.489 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

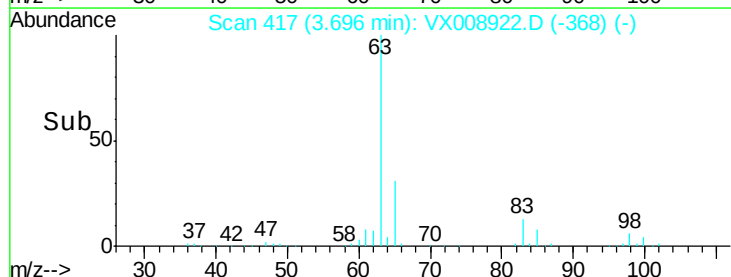
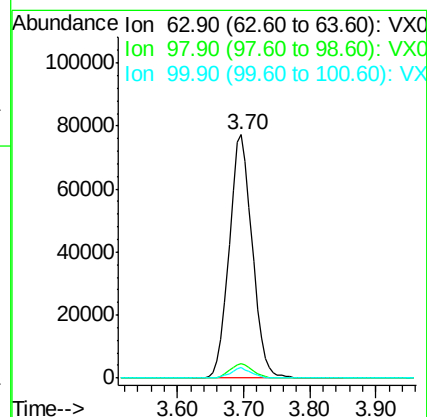
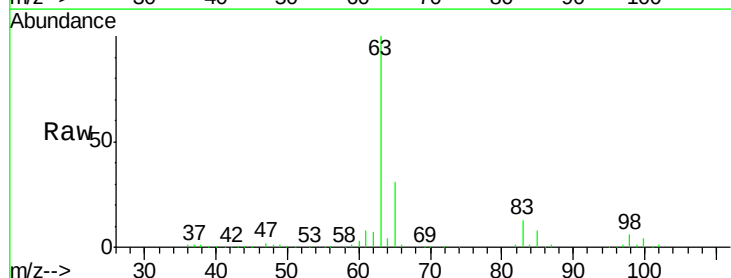
Tgt Ion: 63 Resp: 186081

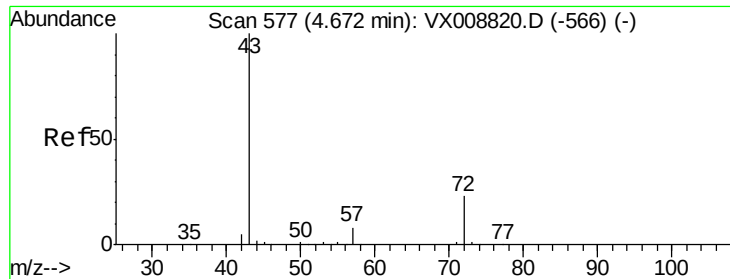
Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 293.765 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 43 Resp: 605163

Ion Ratio Lower Upper

43 100

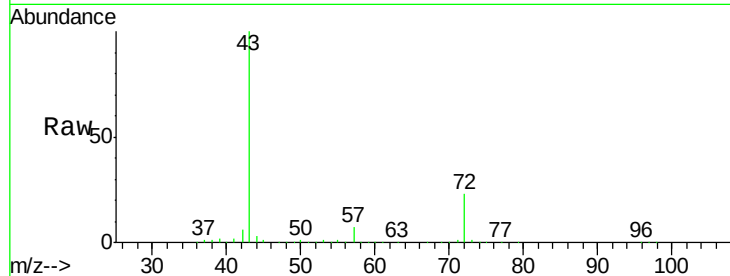
72 23.1 18.2 27.4

Manual Integrations

APPROVED

MMDadoda

4/13/2019 2:12:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

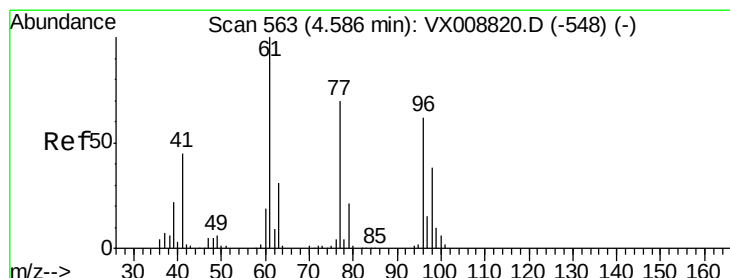
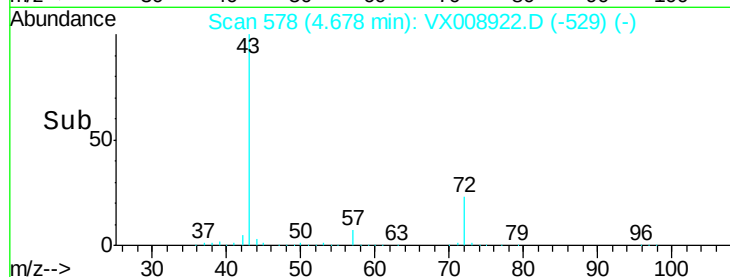
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 28.739 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008922.D

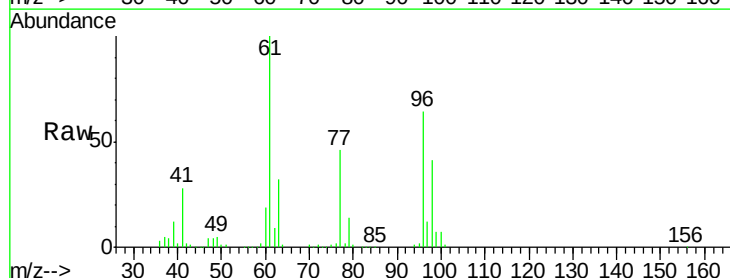
Acq: 13 Apr 2019 05:55

Tgt Ion: 77 Resp: 79313

Ion Ratio Lower Upper

77 100

97 25.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

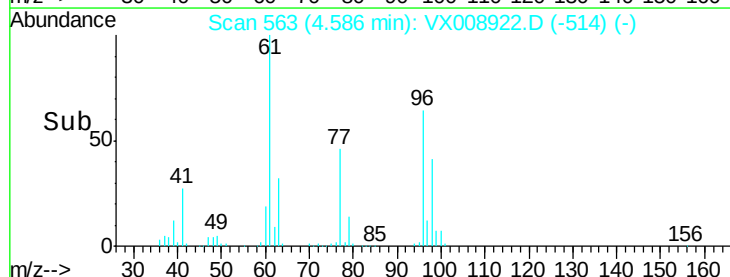
10000

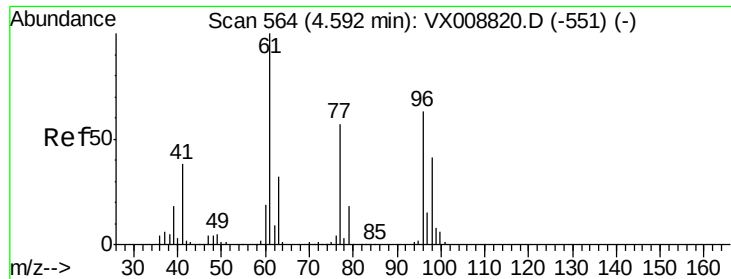
5000

0

4.50 4.60 4.70

Time-->





#27

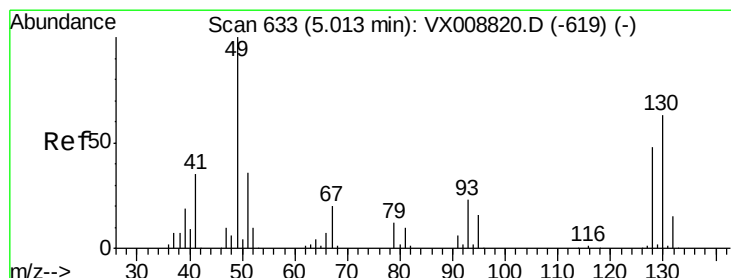
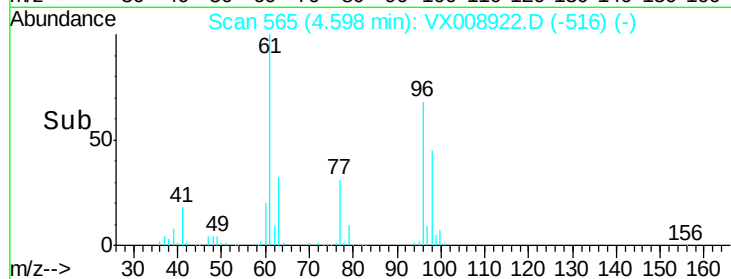
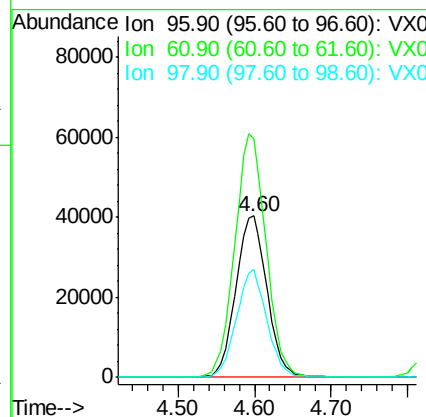
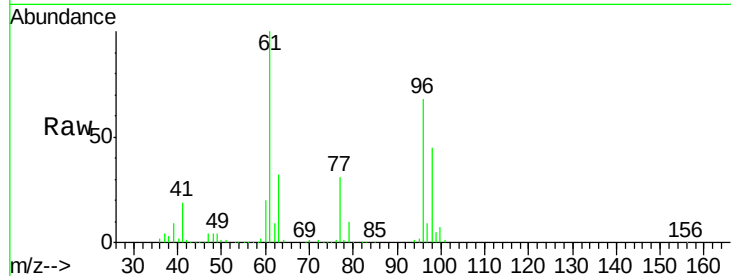
cis-1,2-Dichloroethene
 Concen: 50.926 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	113595		
61	152.0	0.0	327.6	
98	65.3	0.0	128.6	

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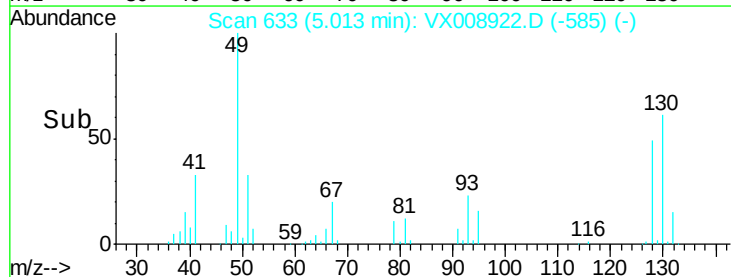
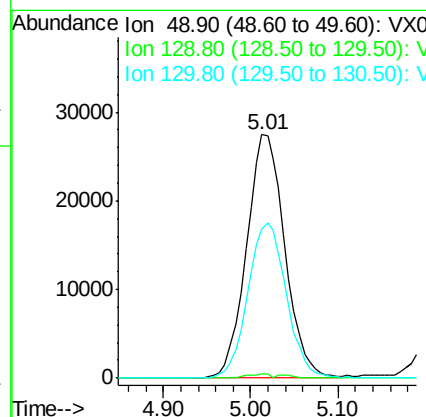
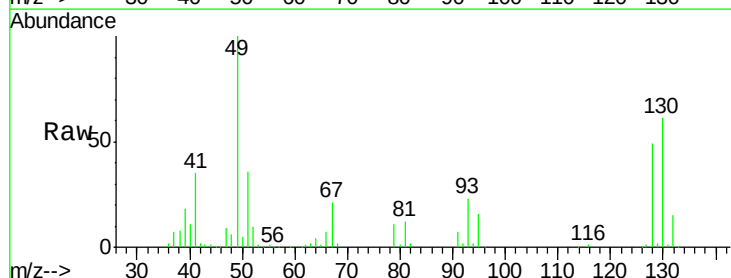
MMDadoda
 4/13/2019 2:12:53 PM

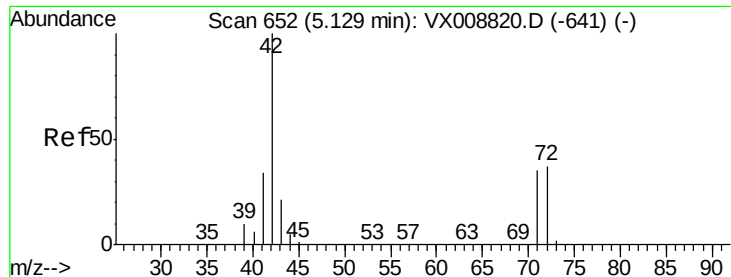


#28

Bromochloromethane
 Concen: 51.023 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83413		
129	1.0	0.0	3.6	
130	64.0	49.3	73.9	





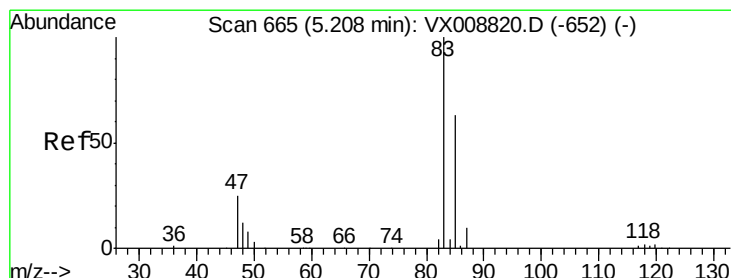
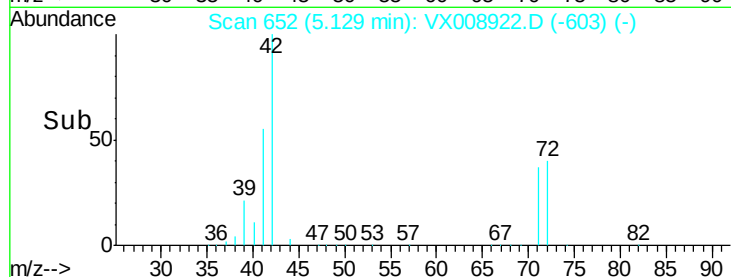
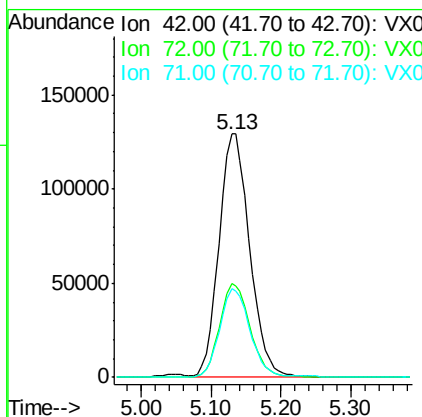
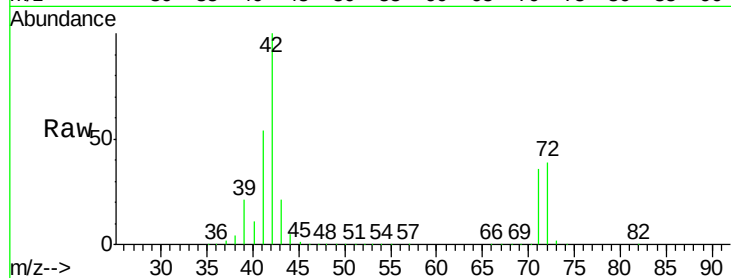
#29
Tetrahydrofuran
Concen: 287.077 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.5	30.5	45.7
71	36.1	28.6	43.0

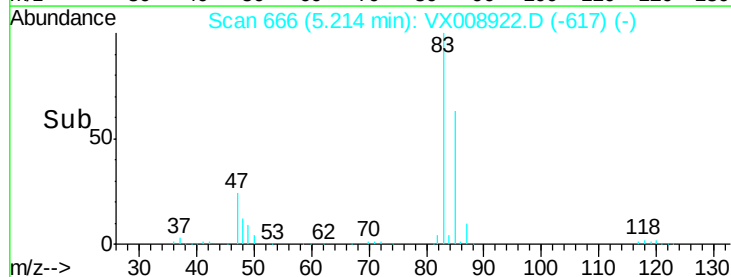
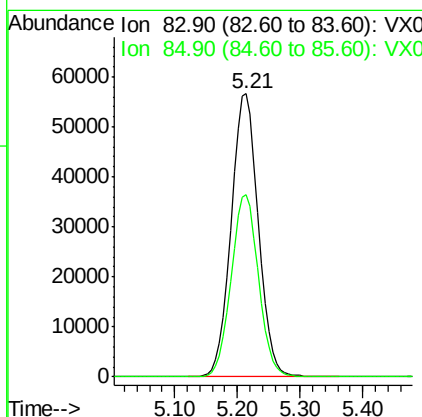
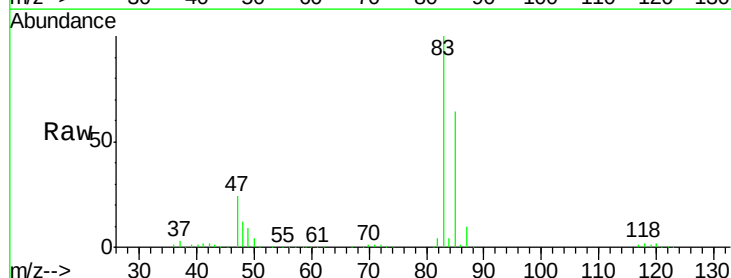
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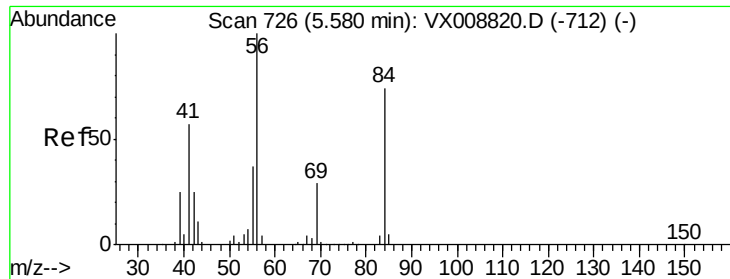
MMDadoda
4/13/2019 2:12:53 PM



#30
Chloroform
Concen: 48.474 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1





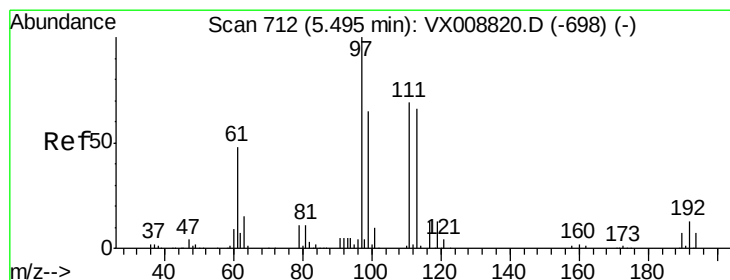
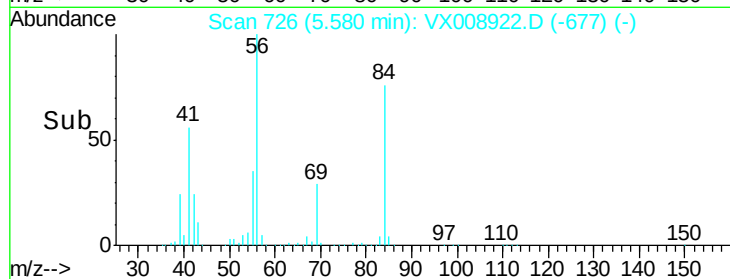
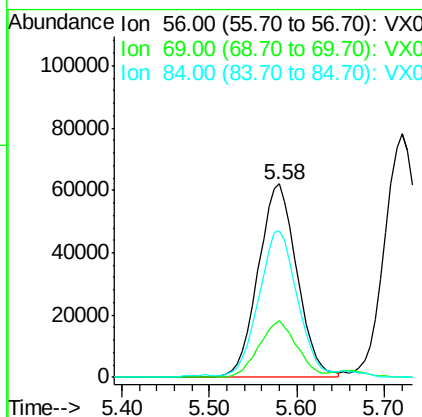
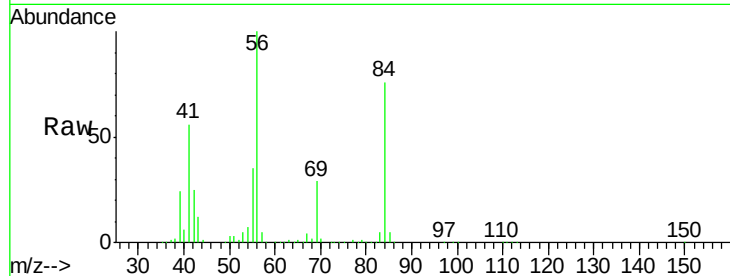
#31
Cyclohexane
Concen: 48.984 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.2	22.6	33.8
84	75.2	59.3	88.9

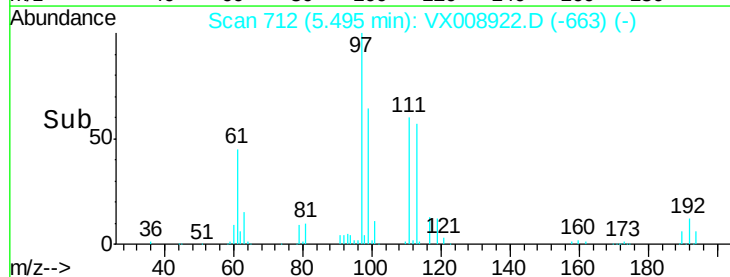
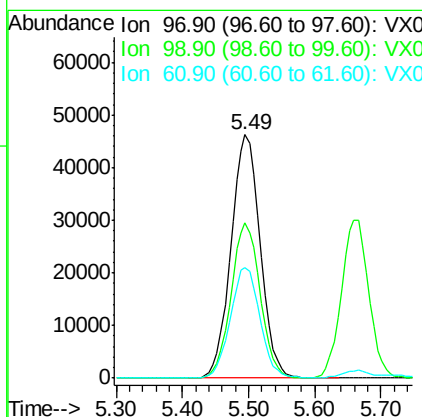
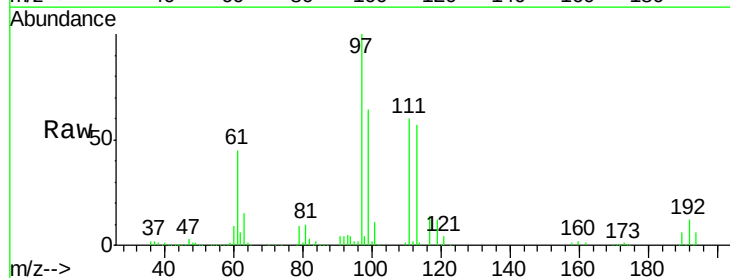
Manual Integrations
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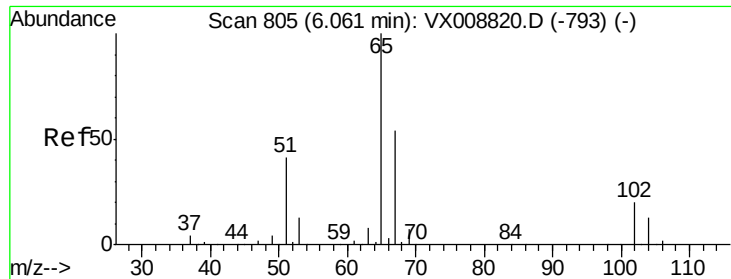
MMDadoda
4/13/2019 2:12:53 PM



#32
1,1,1-Trichloroethane
Concen: 49.912 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	46.2	38.9	58.3





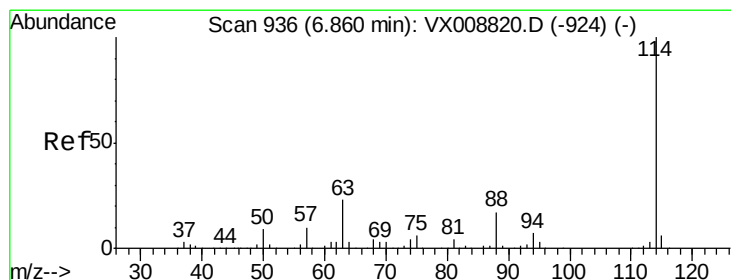
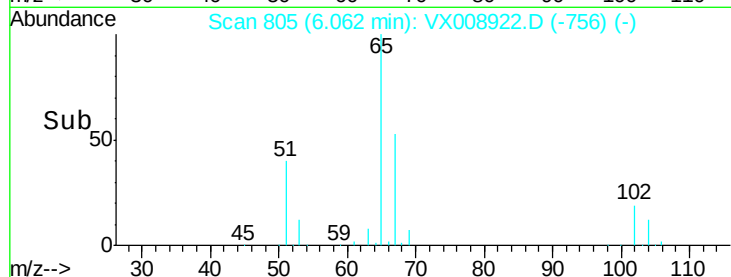
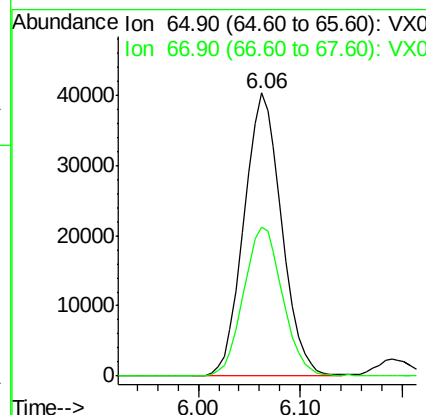
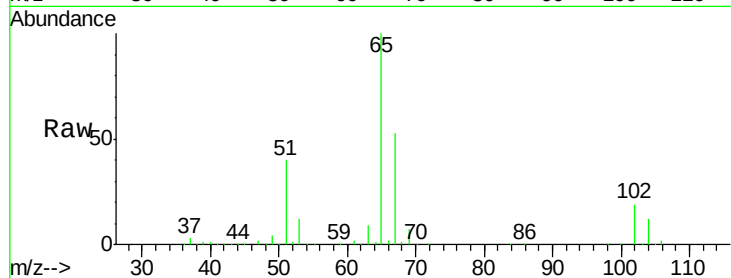
#33
 1,2-Dichloroethane-d4
 Concen: 45.702 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	103421		
67	54.4	0.0	107.2	

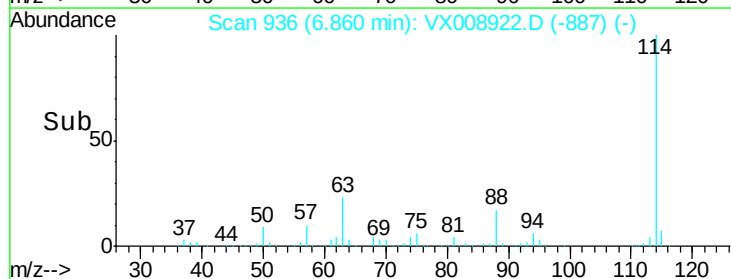
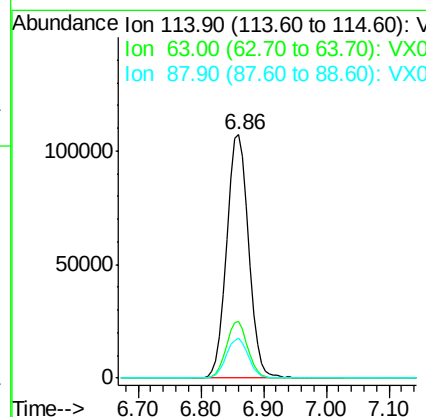
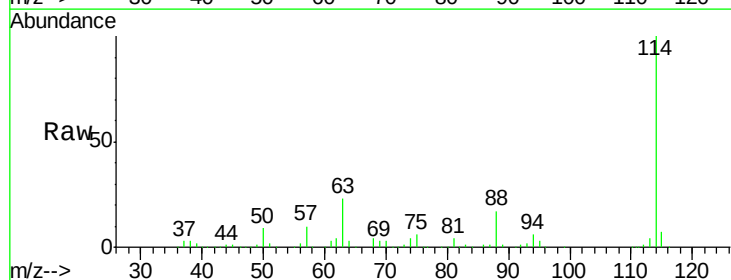
Manual Integrations
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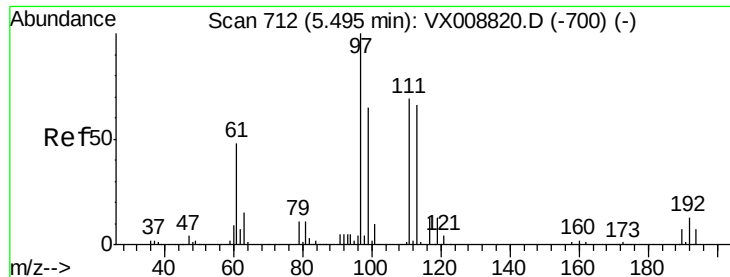
MMDadoda
 4/13/2019 2:12:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	260481		
63	23.1	0.0	47.2	
88	16.7	0.0	34.0	





#35

Dibromofluoromethane

Concen: 47.078 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

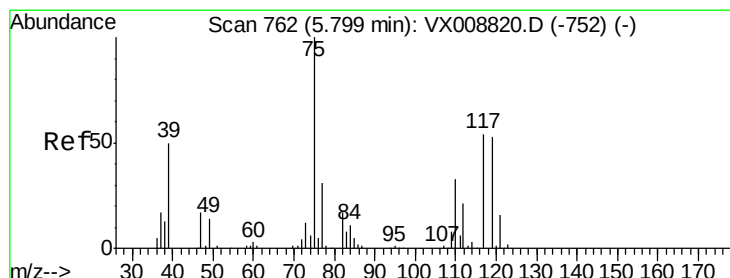
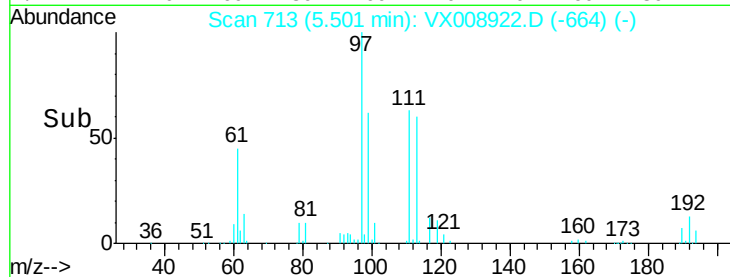
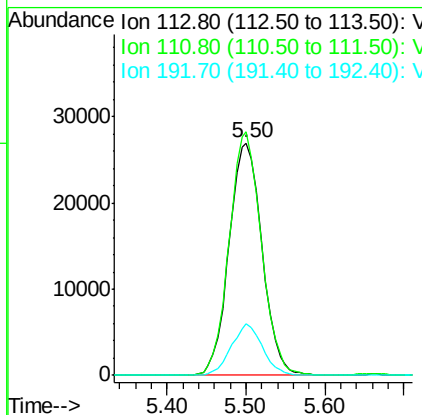
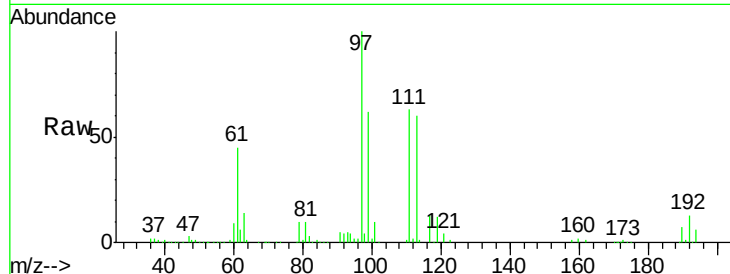
ClientSampleId :

S8-0703MSD

Tgt Ion:	113	Resp:	78405
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	21.1	16.1	24.1

Manual Integrations
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MMDadoda
4/13/2019 2:12:53 PM



#36

1,1-Dichloropropene

Concen: 46.197 ug/l

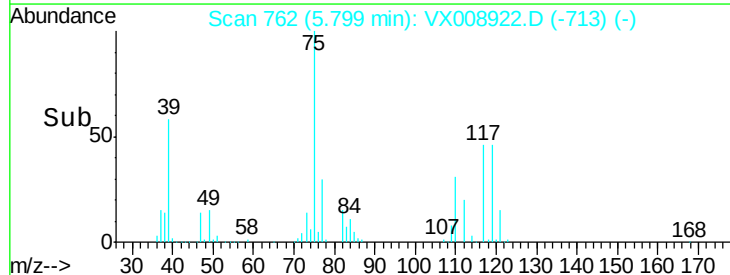
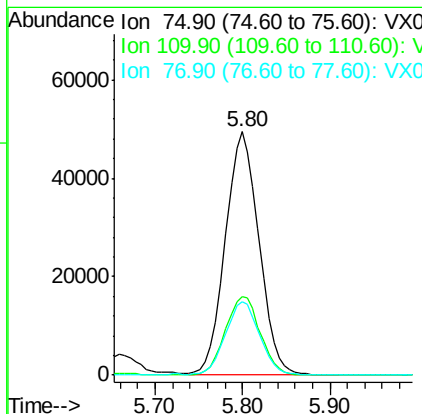
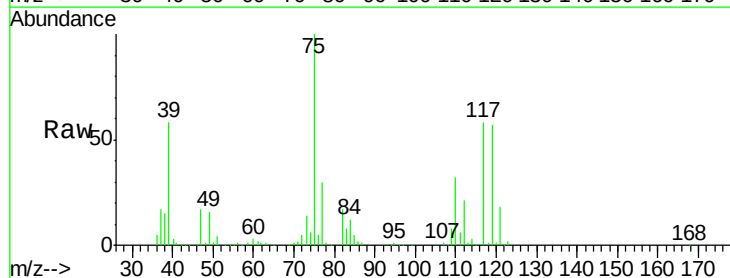
RT: 5.80 min Scan# 762

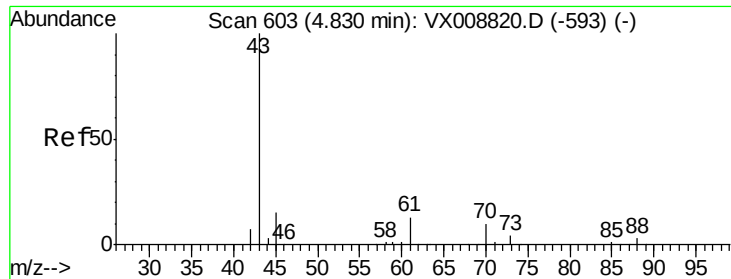
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	75	Resp:	131539
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.4	49.2
77	30.7	24.7	37.1





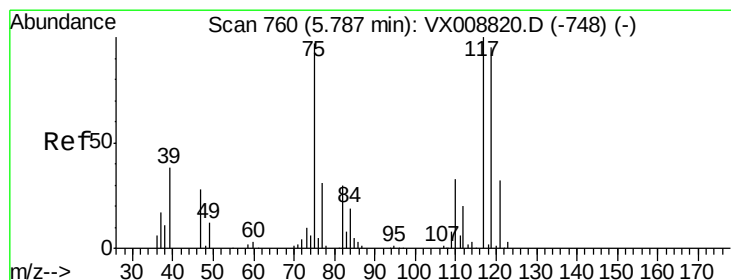
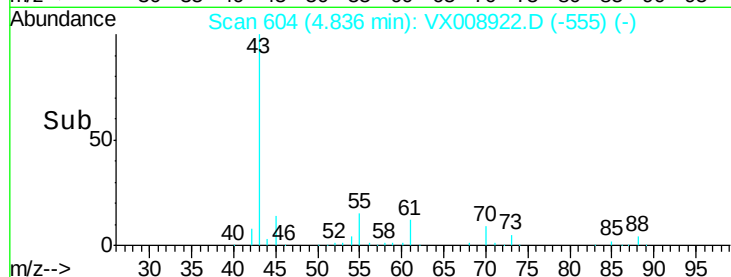
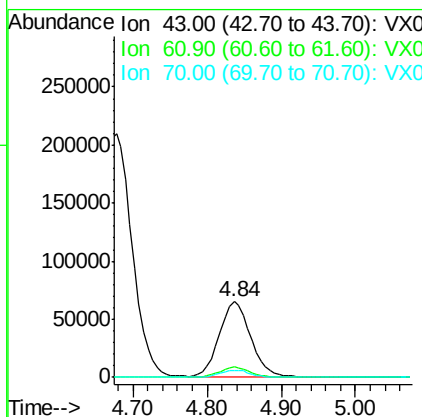
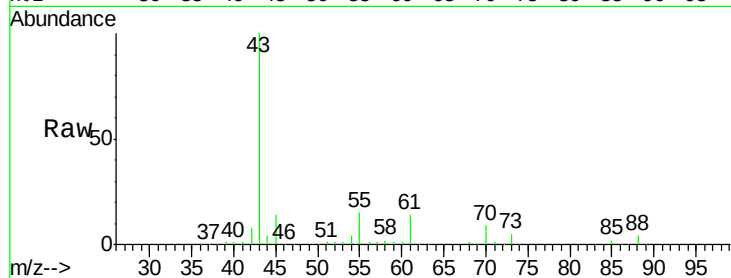
#37
Ethyl Acetate
Concen: 50.565 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.3	15.5
70	9.4	7.6	11.4

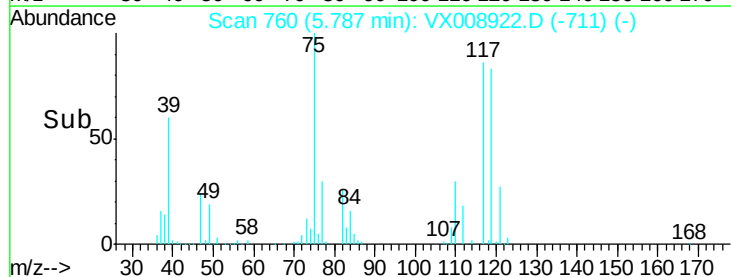
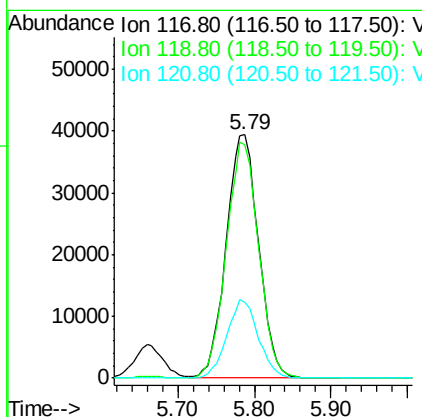
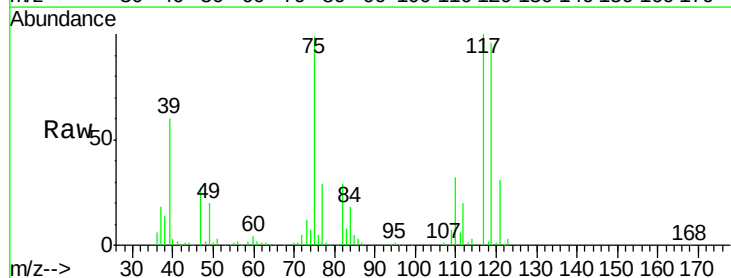
Manual Integrations
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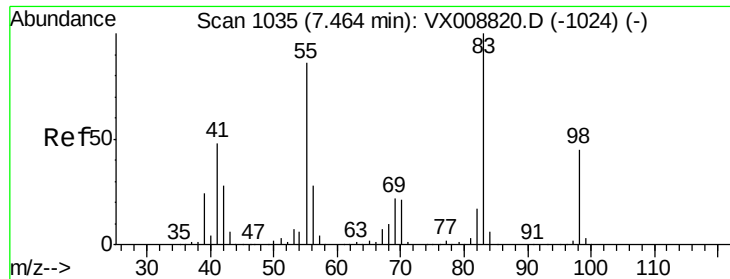
MMDadoda
4/13/2019 2:12:53 PM



#38
Carbon Tetrachloride
Concen: 49.234 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
121	31.1	24.3	36.5





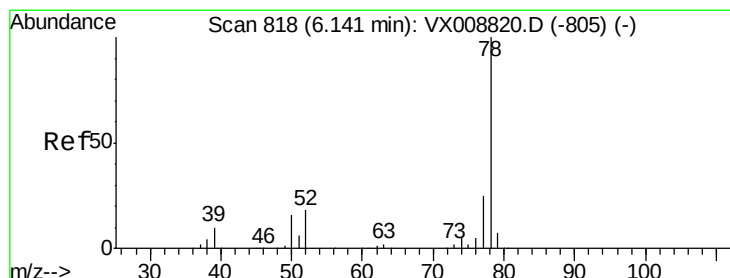
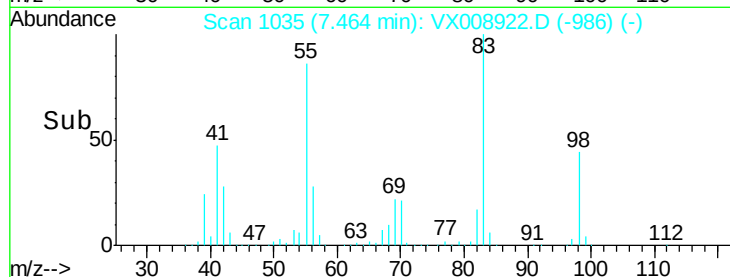
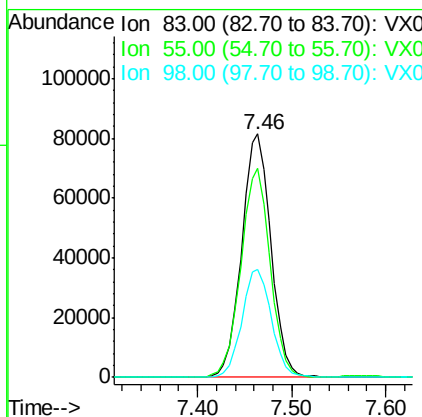
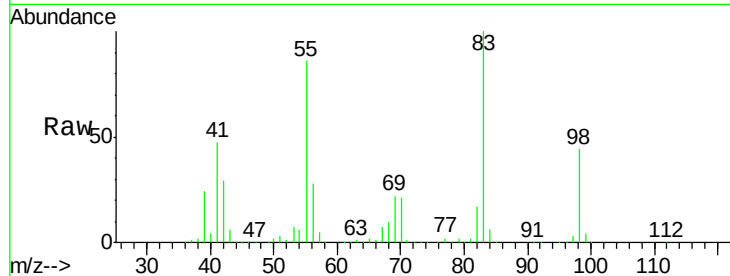
#39
Methylcyclohexane
Concen: 50.435 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampled :
S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	177399		
55	85.6	69.0	103.6	
98	44.4	34.4	51.6	

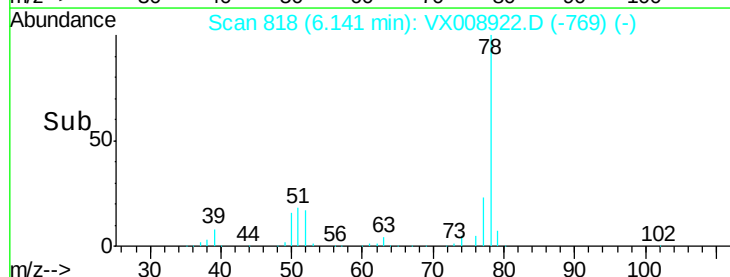
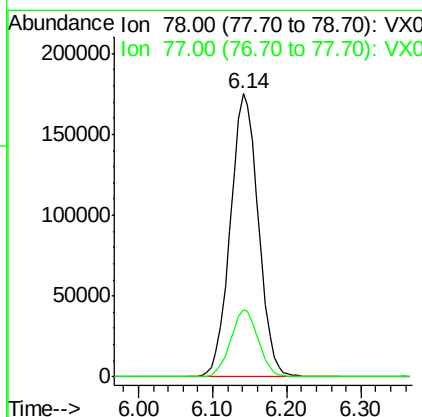
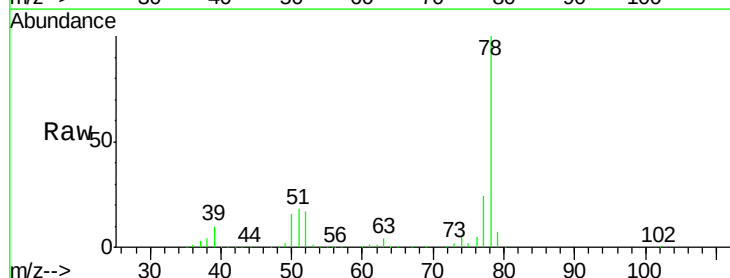
Manual Integrations
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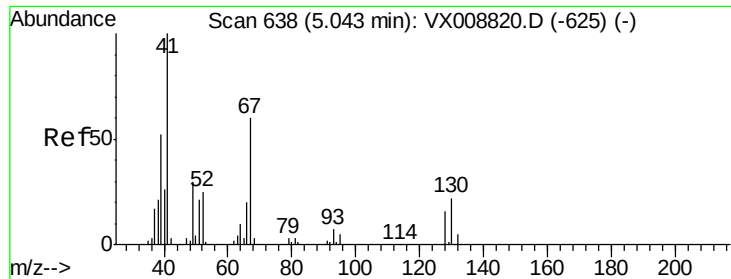
MMDadoda
4/13/2019 2:12:53 PM



#40
Benzene
Concen: 54.379 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	461269		
77	23.8	19.1	28.7	





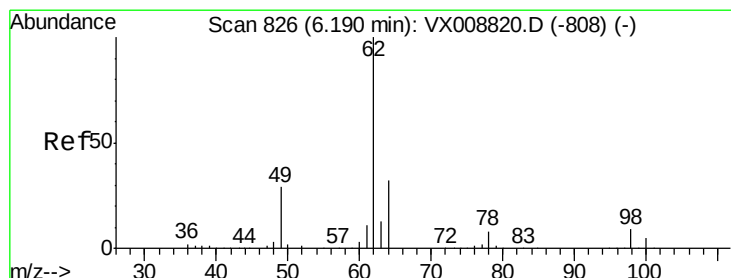
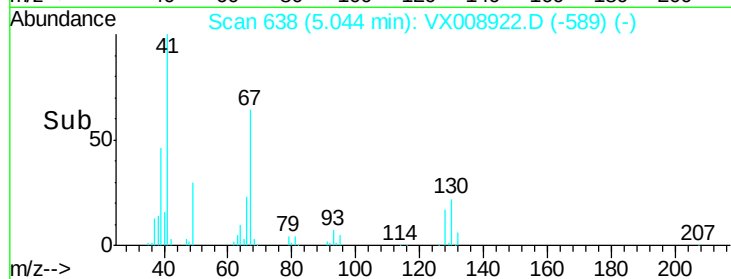
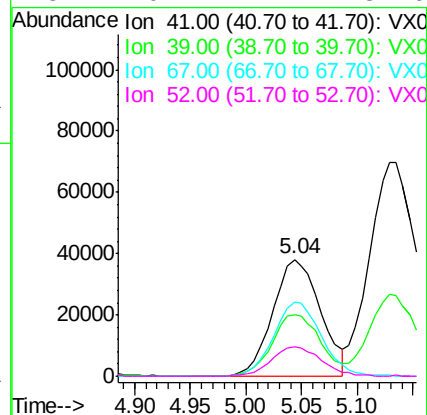
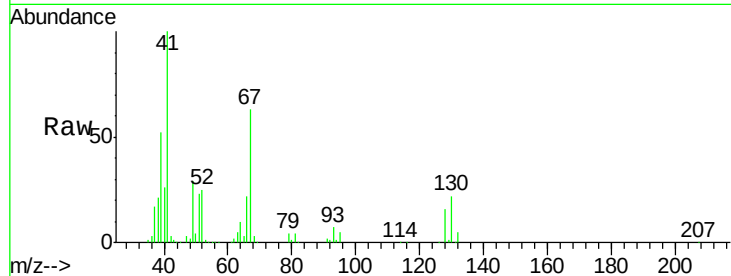
#41
Methacrylonitrile
Concen: 51.664 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.1	63.1	
67	64.7	51.0	76.6	
52	26.2	21.4	32.0	

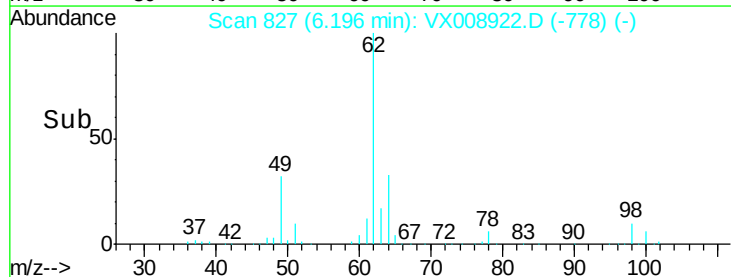
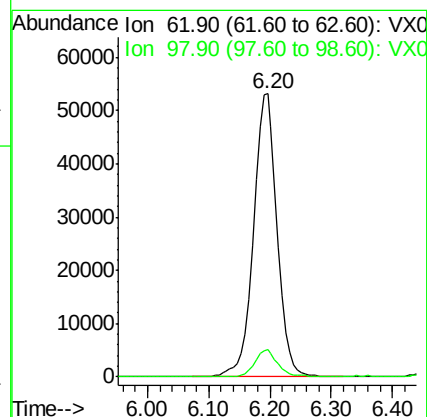
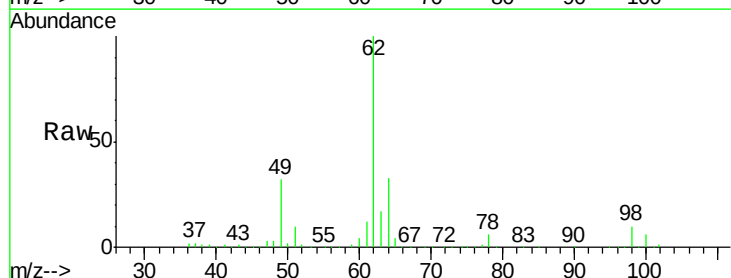
Manual Integrations
APPROVED

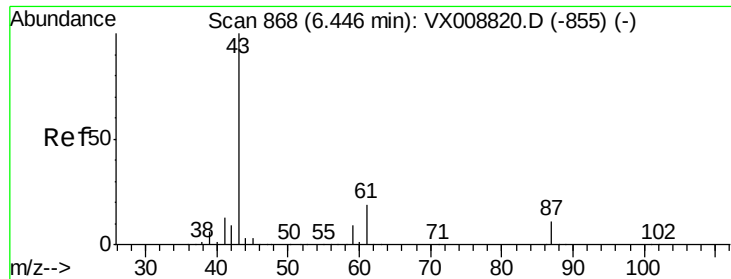
MMDadoda
4/13/2019 2:12:53 PM



#42
1,2-Dichloroethane
Concen: 47.258 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	18.0	





#43

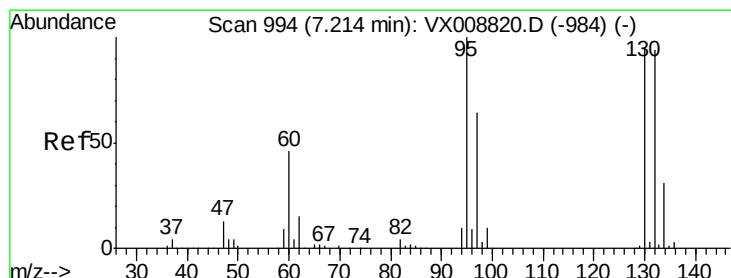
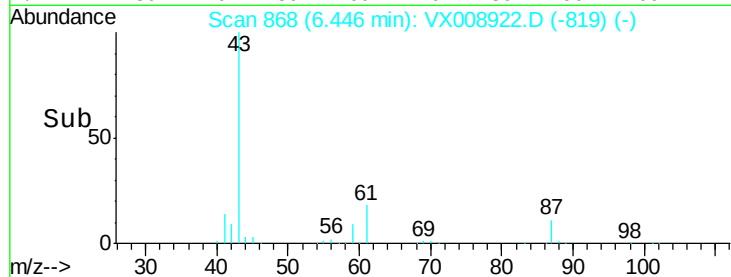
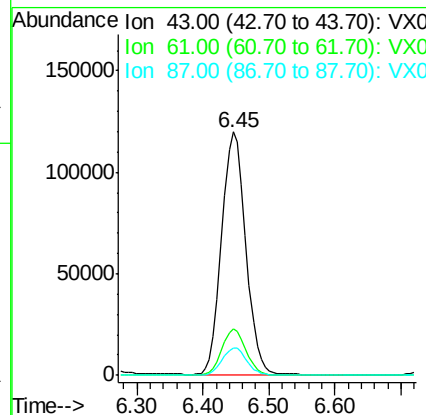
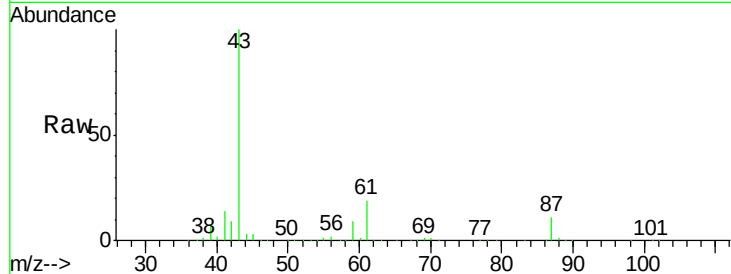
Isopropyl Acetate
 Concen: 50.956 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	11.5	9.0	13.6

Manual Integrations
 APPROVED

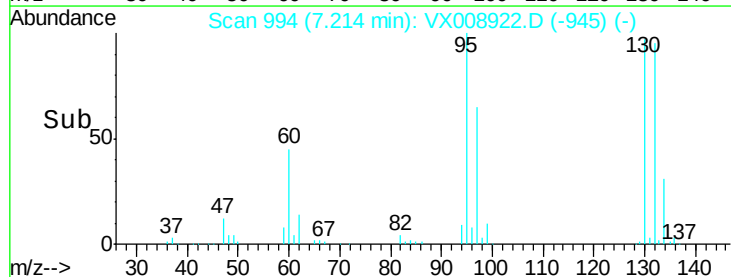
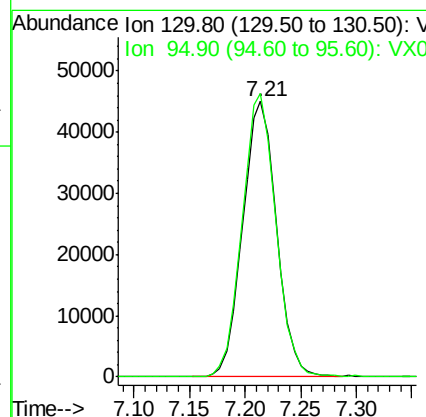
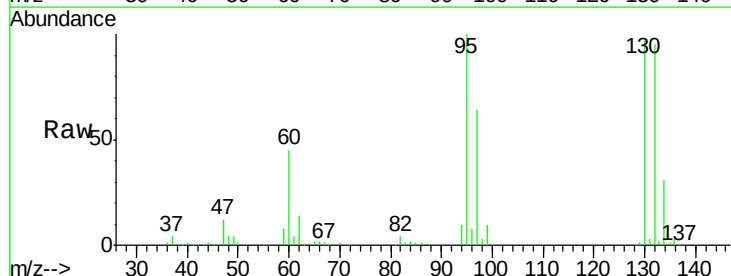
MMDadoda
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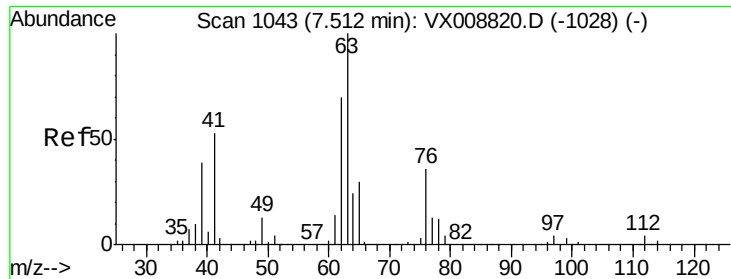


#44

Trichloroethene
 Concen: 48.158 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	209.8





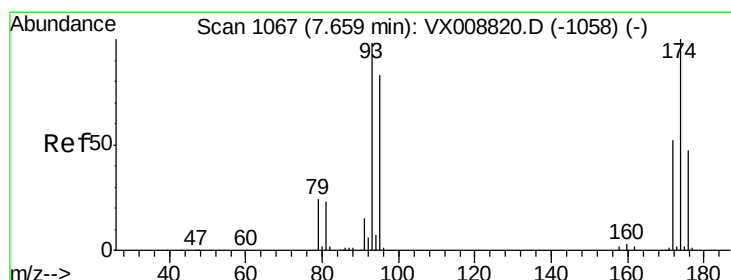
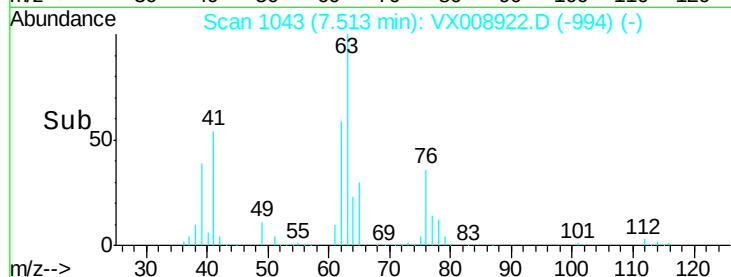
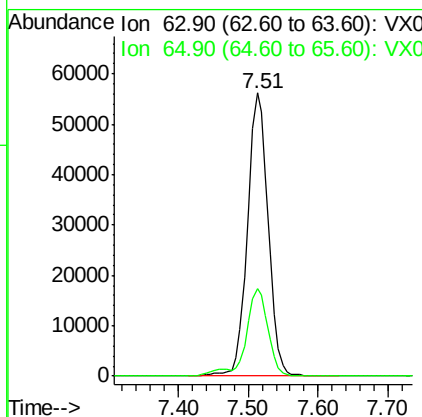
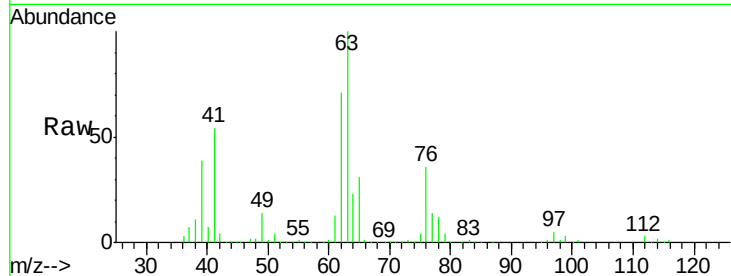
#45
 1,2-Dichloropropane
 Concen: 47.626 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion: 63 Resp: 115309
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4

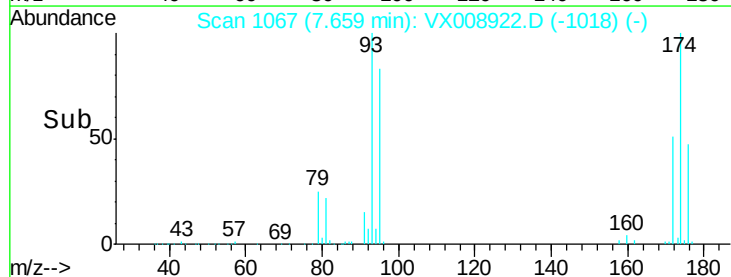
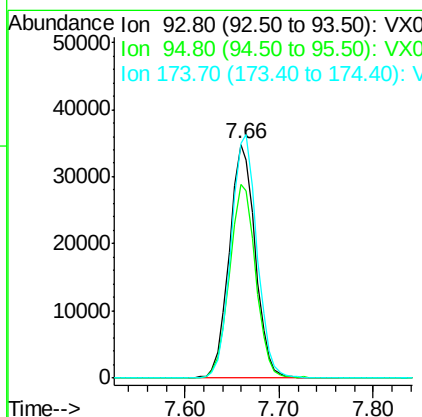
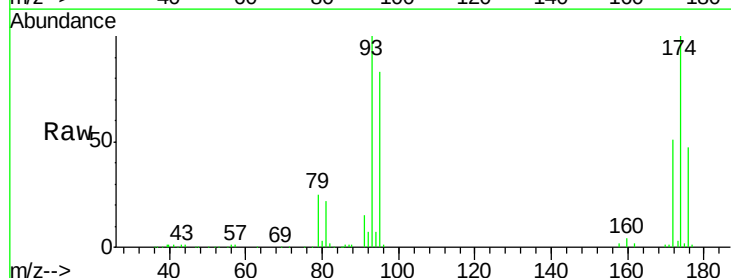
Manual Integrations
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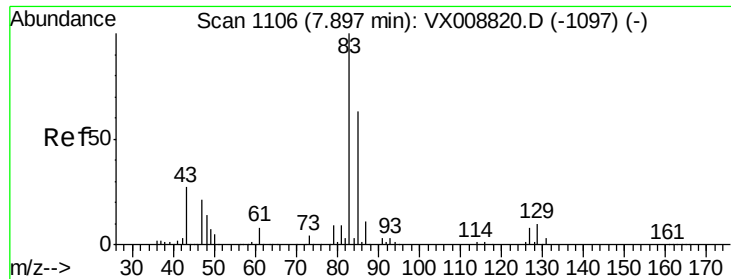
MMDadoda
 4/13/2019 2:12:53 PM



#46
 Dibromomethane
 Concen: 47.430 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 93 Resp: 66601
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 99.8
 174 104.3 77.7 116.5





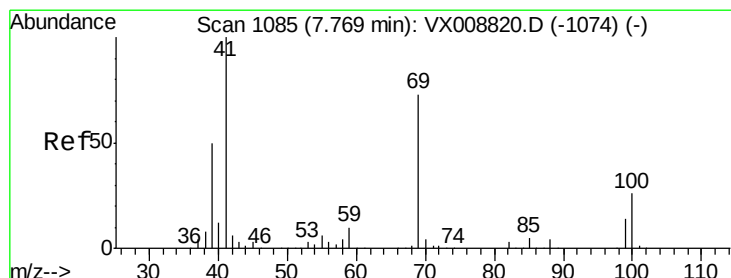
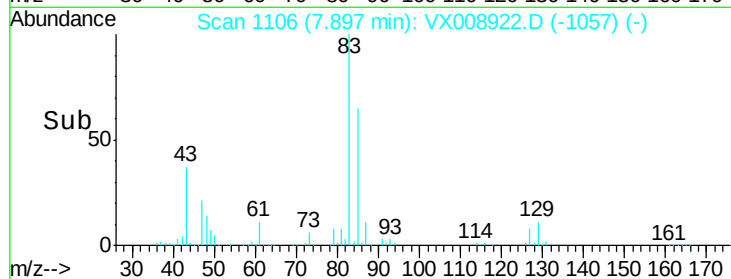
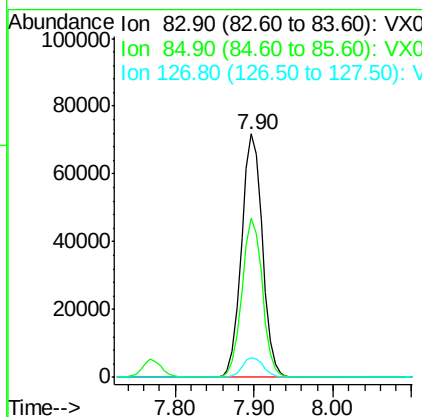
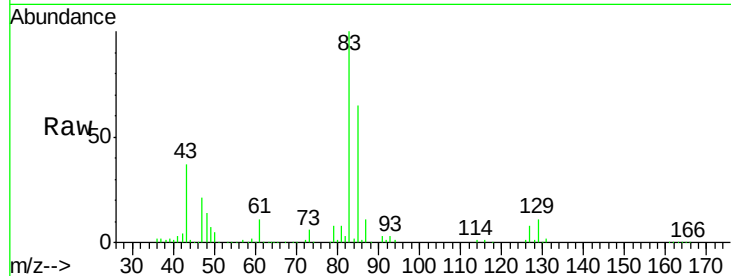
#47
 Bromodichloromethane
 Concen: 49.882 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.2	76.8
127	8.0	6.6	10.0

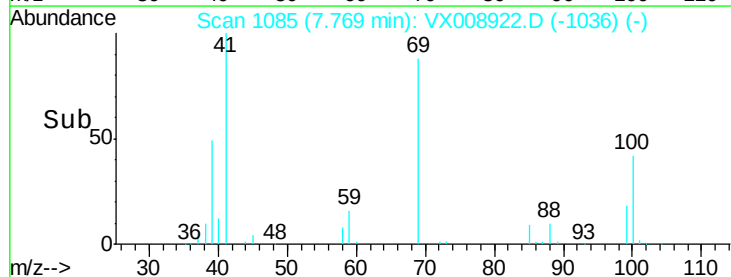
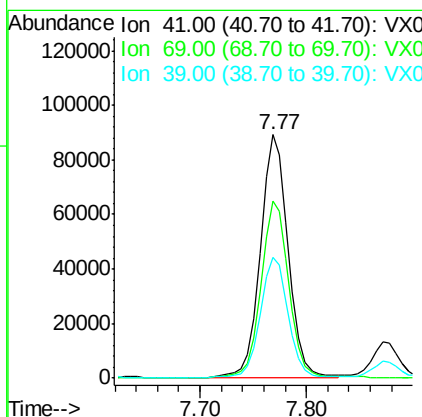
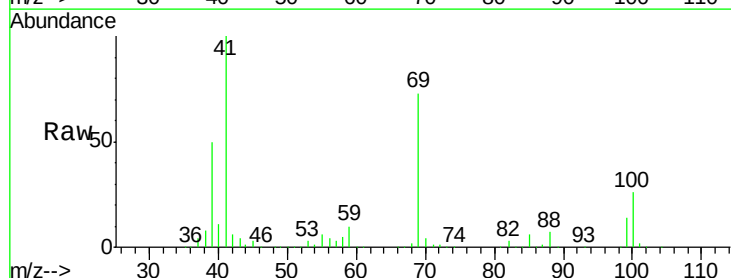
Manual Integrations
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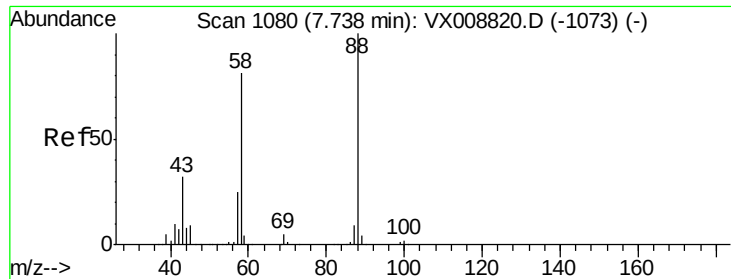
MMDadoda
 4/13/2019 2:12:53 PM



#48
 Methyl methacrylate
 Concen: 53.777 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.6	59.0	88.4
39	49.9	41.0	61.4





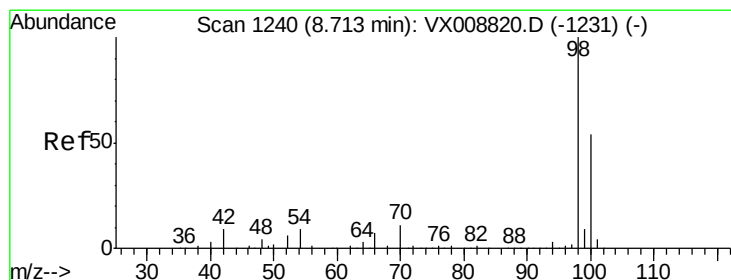
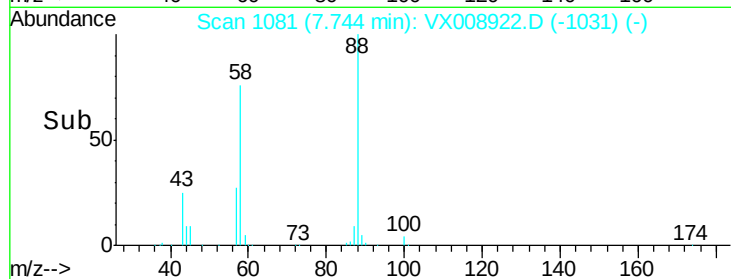
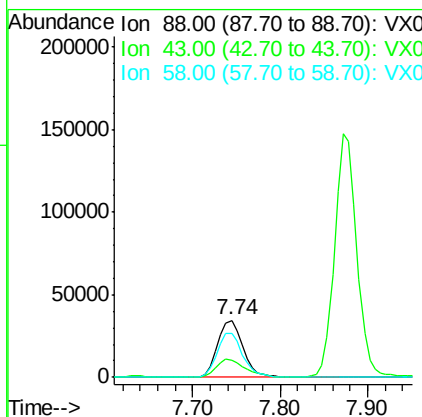
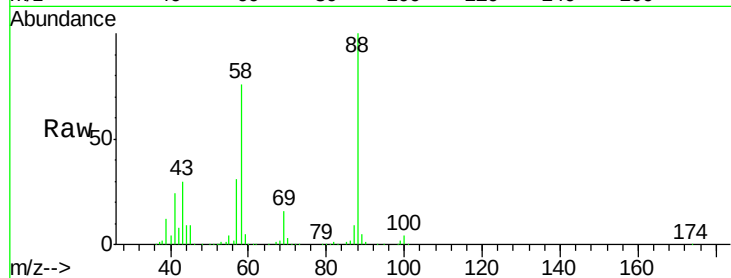
#49
1,4-Dioxane
Concen: 1235.243 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.6	43.0
58	79.0	62.2	93.2

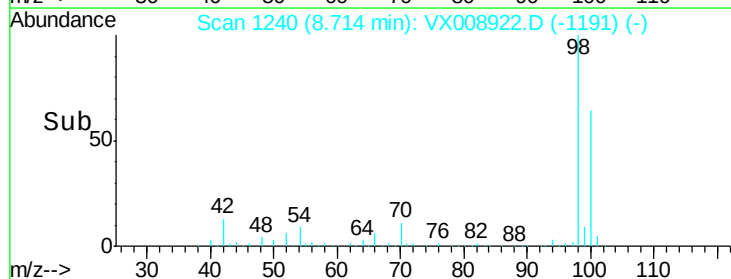
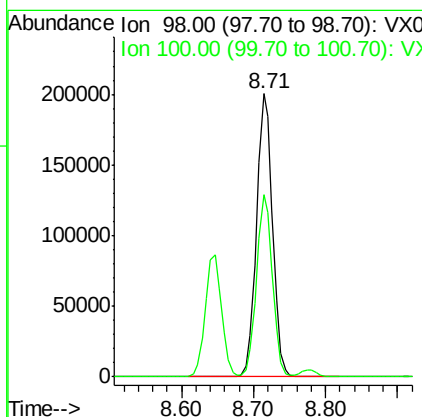
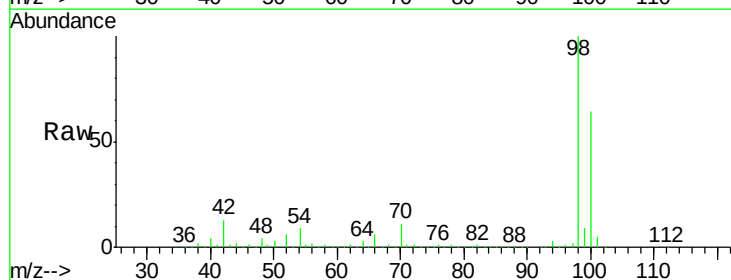
Manual Integrations
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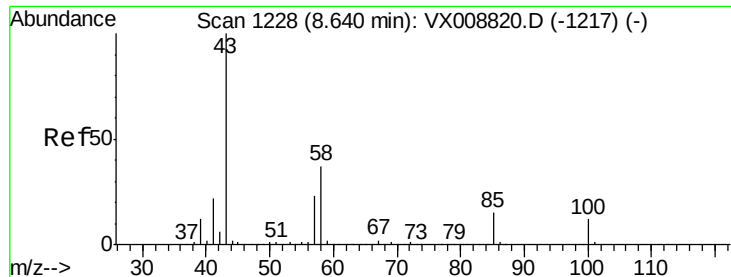
MMDadoda
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#50
Toluene-d8
Concen: 47.177 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 283.067 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 43 Resp: 1084872

Ion Ratio Lower Upper

43 100

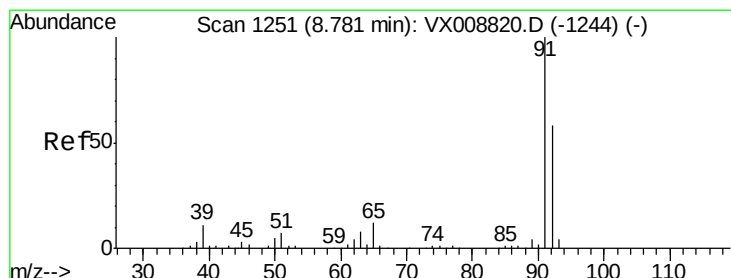
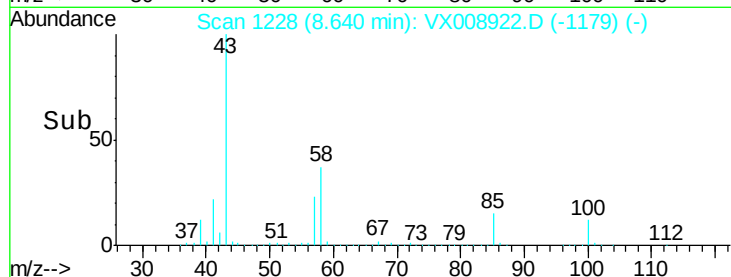
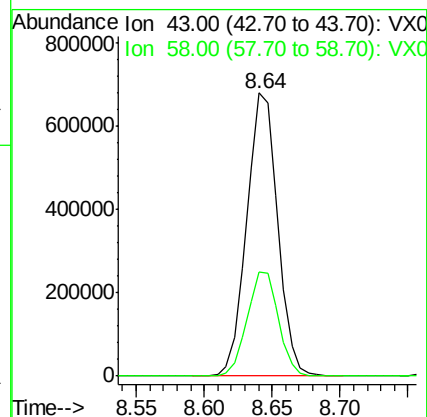
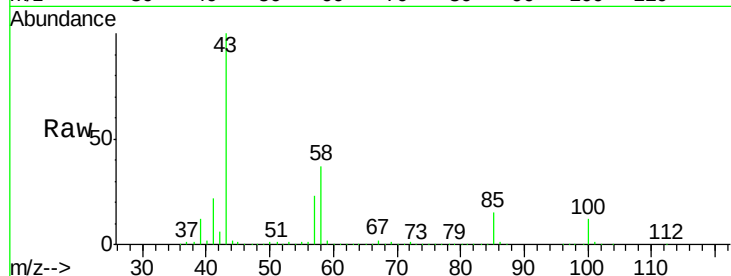
58 37.2 29.5 44.3

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 49.857 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008922.D

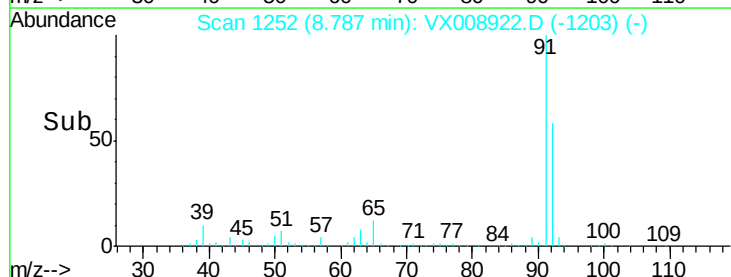
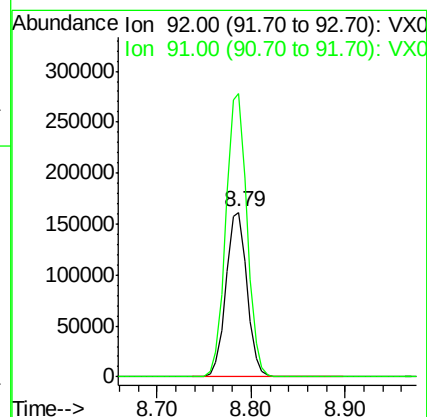
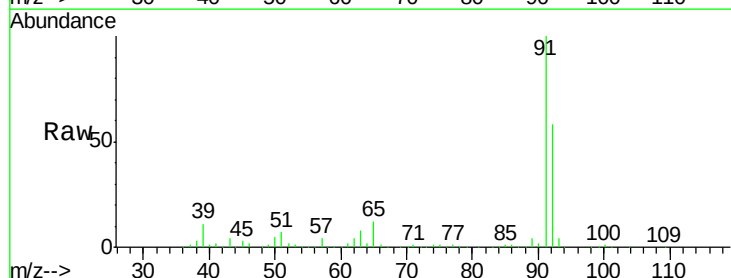
Acq: 13 Apr 2019 05:55

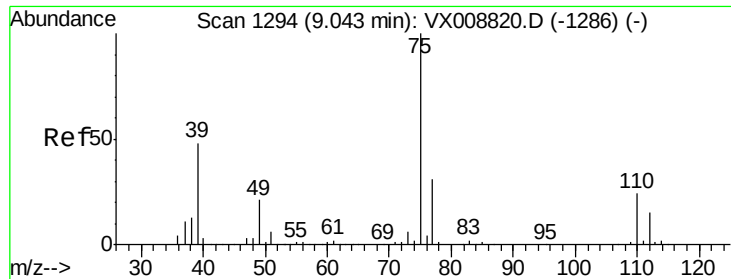
Tgt Ion: 92 Resp: 249329

Ion Ratio Lower Upper

92 100

91 173.4 138.5 207.7





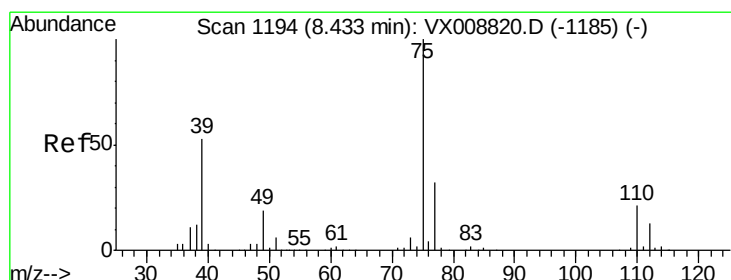
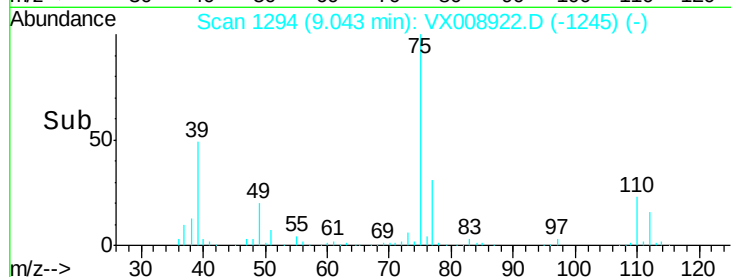
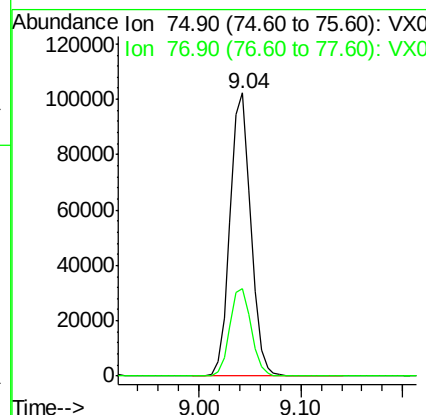
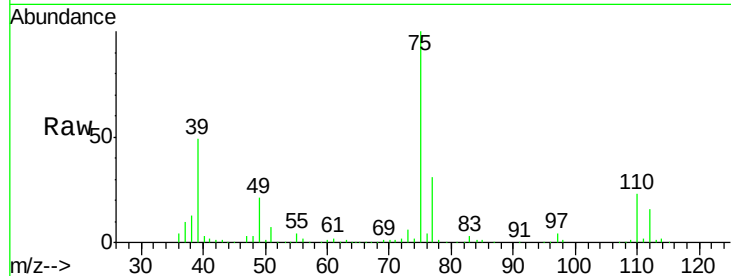
#53
t-1,3-Dichloropropene
Concen: 48.538 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion: 75 Resp: 143954
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8

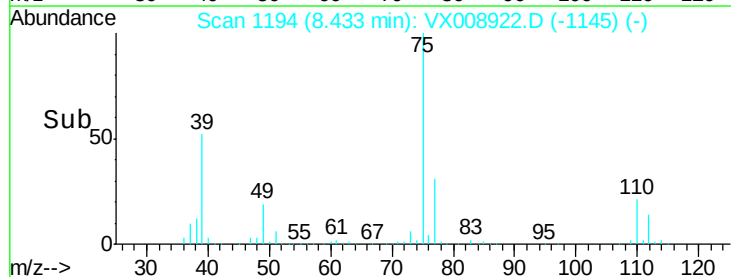
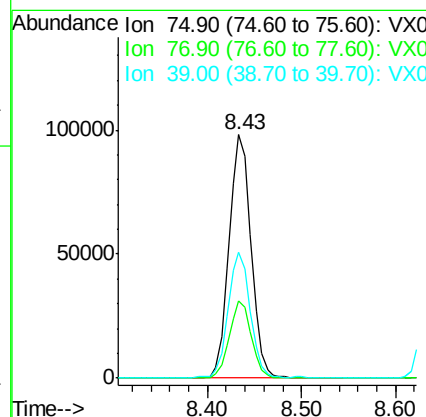
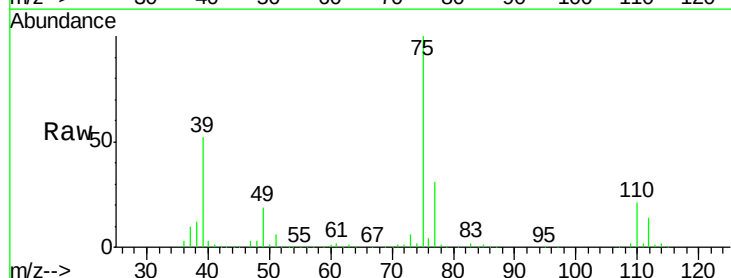
Manual Integrations
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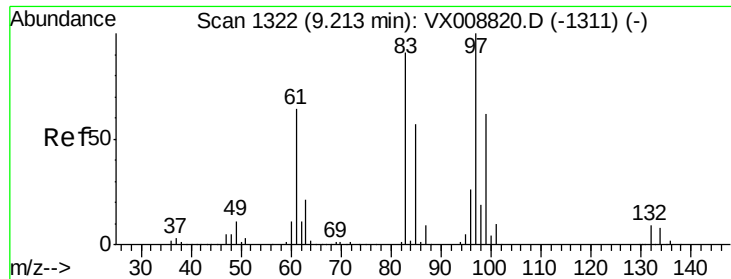
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.868 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 75 Resp: 158827
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 51.4 42.6 63.8





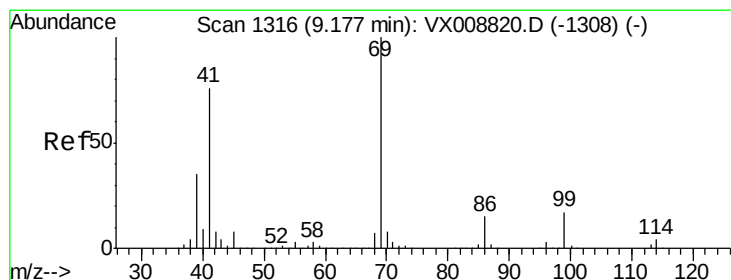
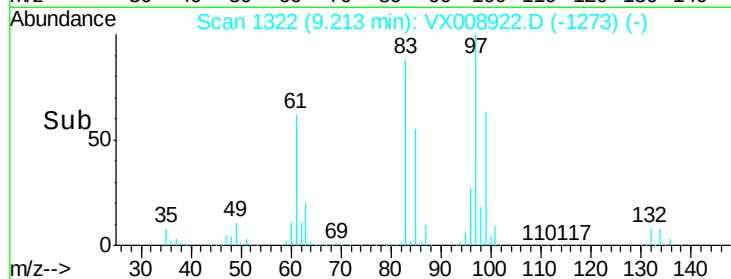
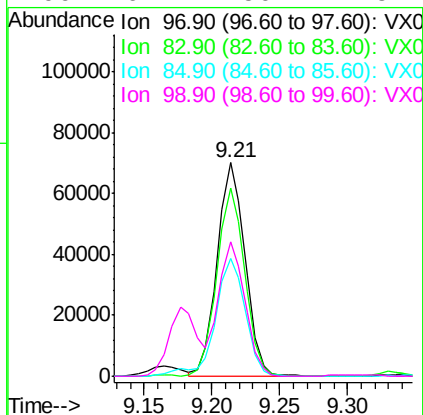
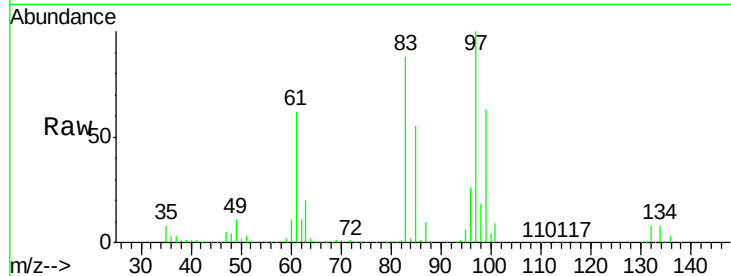
#55
 1,1,2-Trichloroethane
 Concen: 49.668 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	73.2	109.8
85	55.0	46.6	69.8
99	62.4	50.1	75.1

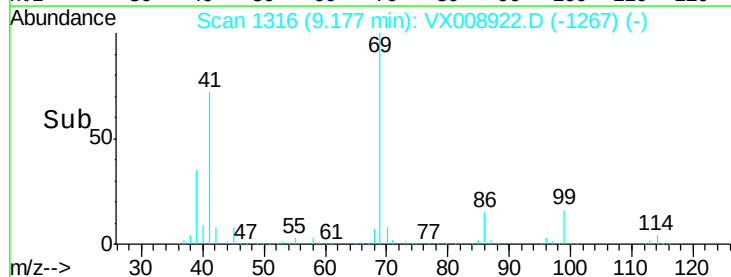
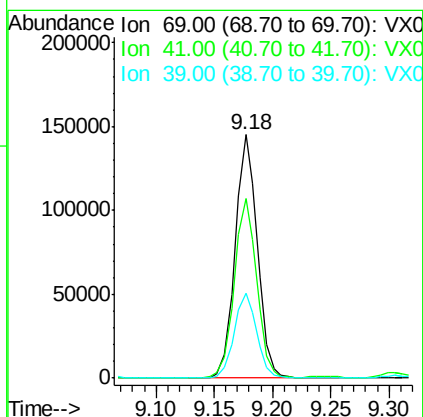
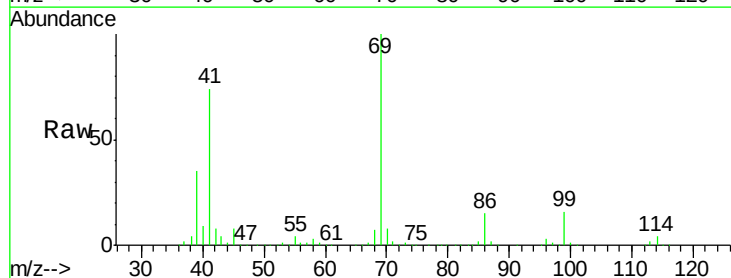
Manual Integrations
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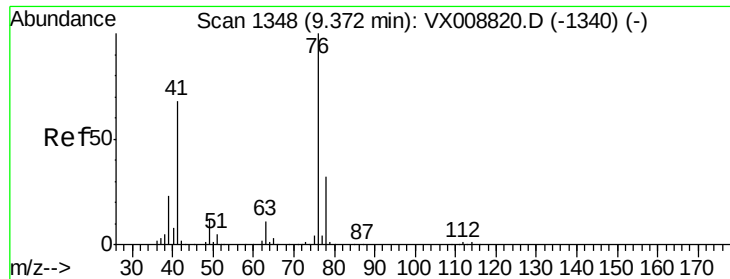
MMDadoda
 4/13/2019 2:12:53 PM



#56
 Ethyl methacrylate
 Concen: 52.981 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.1	90.1
39	35.1	28.9	43.3





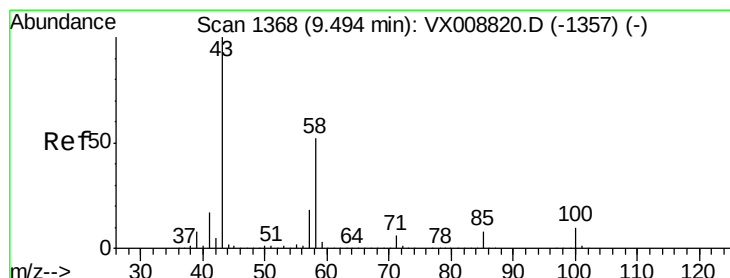
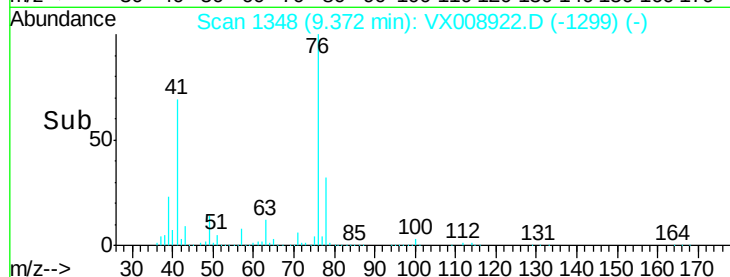
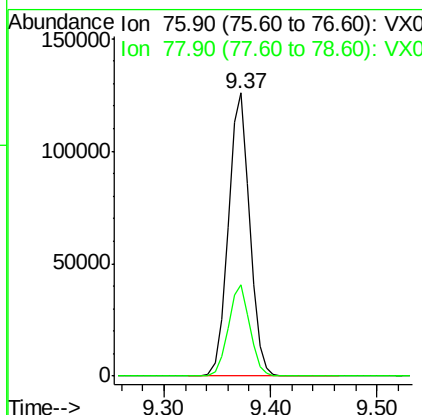
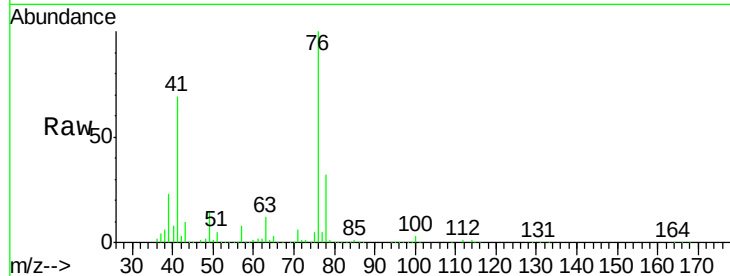
#57
 1,3-Dichloropropane
 Concen: 49.013 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion: 76 Resp: 176671
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4

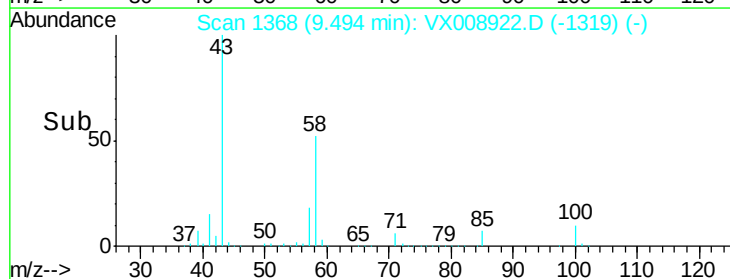
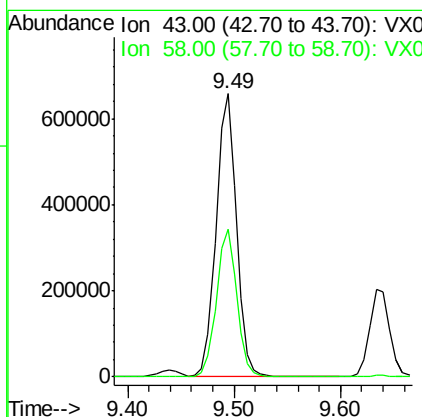
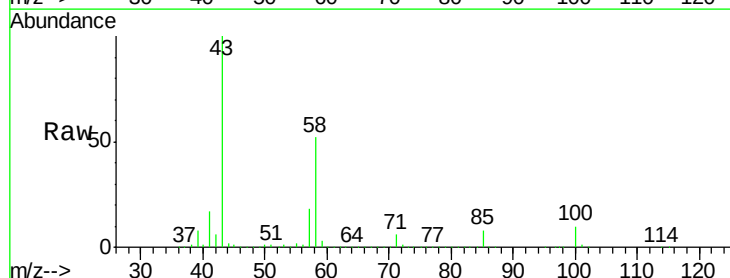
Manual Integrations
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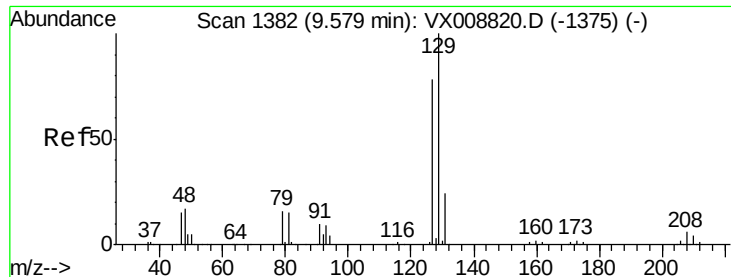
MMDadoda
 4/13/2019 2:12:53 PM



#59
 2-Hexanone
 Concen: 292.176 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 43 Resp: 870236
 Ion Ratio Lower Upper
 43 100
 58 52.3 25.9 77.7





#60

Dibromochloromethane

Concen: 52.030 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion:129 Resp: 98420

Ion Ratio Lower Upper

129 100

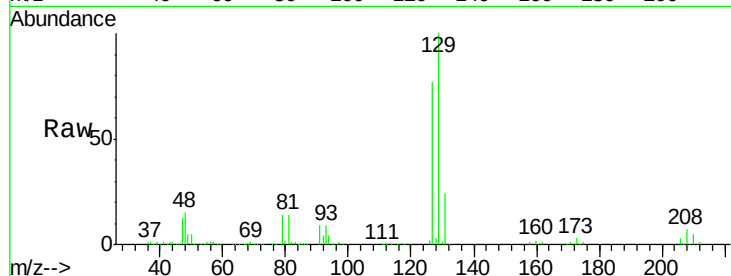
127 77.5 38.5 115.3

Manual Integrations

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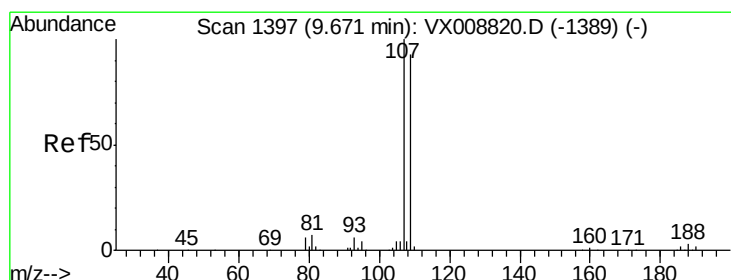
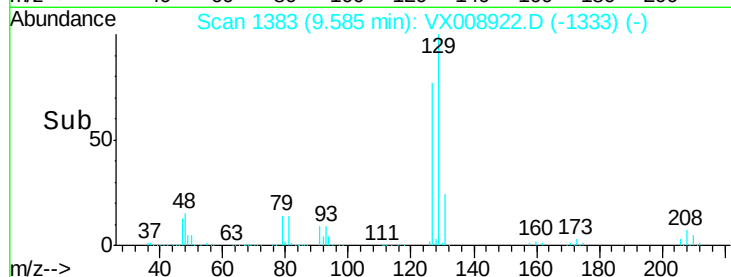
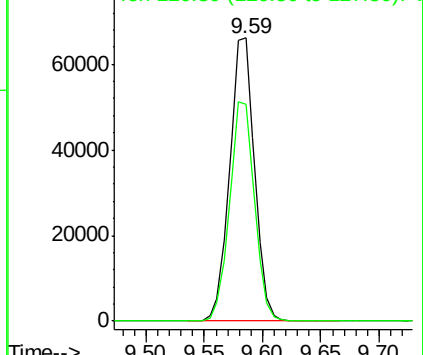
MMDadoda

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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: 49.813 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008922.D

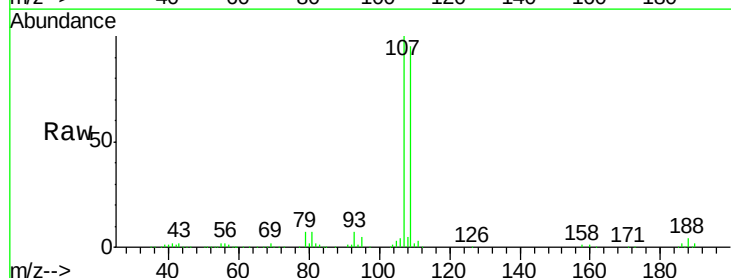
Acq: 13 Apr 2019 05:55

Tgt Ion:107 Resp: 104097

Ion Ratio Lower Upper

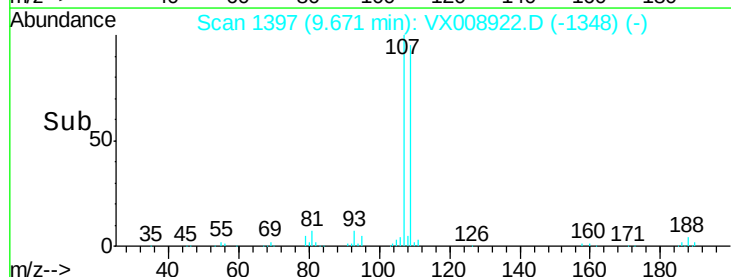
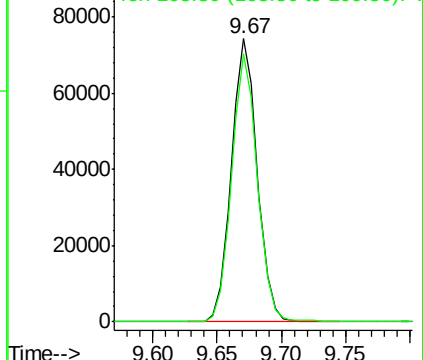
107 100

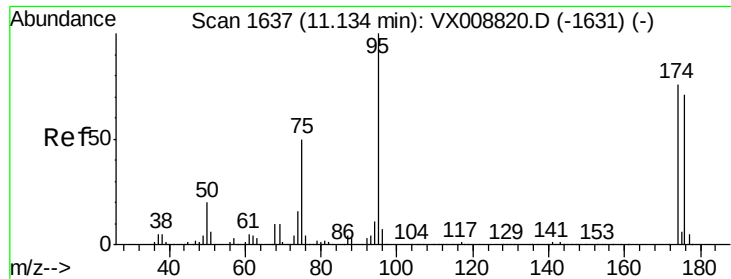
109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.860 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 95 Resp: 117249
Ion Ratio Lower Upper

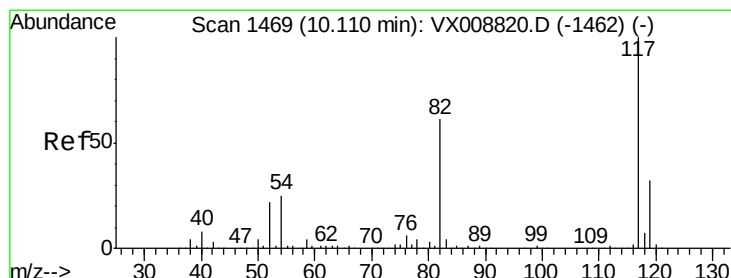
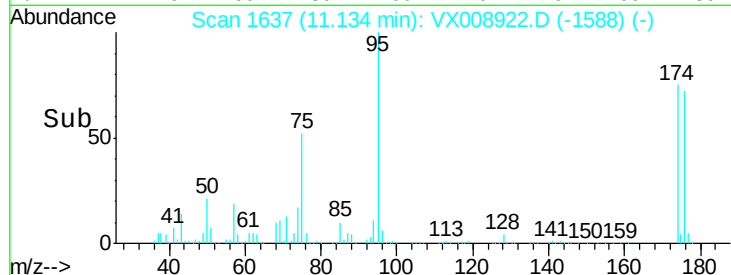
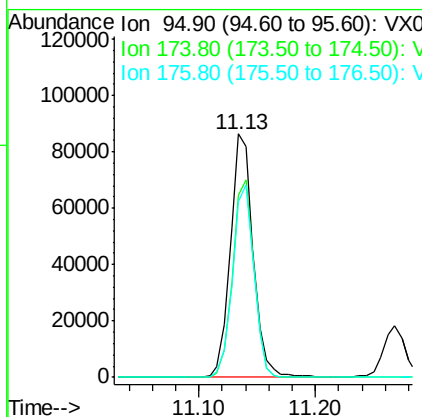
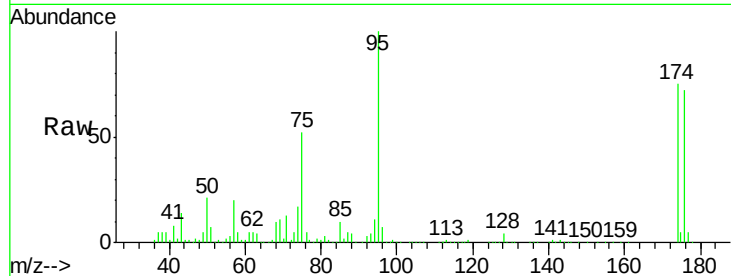
95 100

174 76.5 0.0 151.8

176 74.7 0.0 145.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008922.D

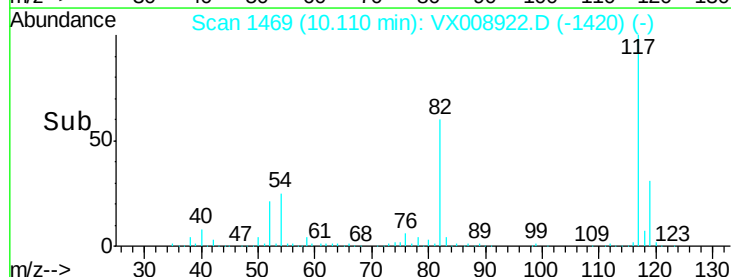
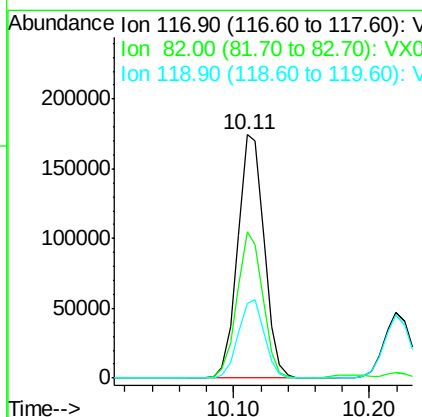
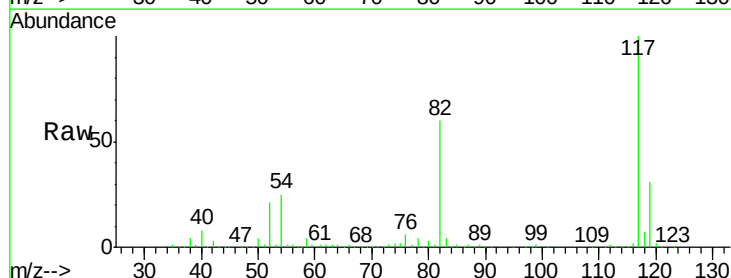
Acq: 13 Apr 2019 05:55

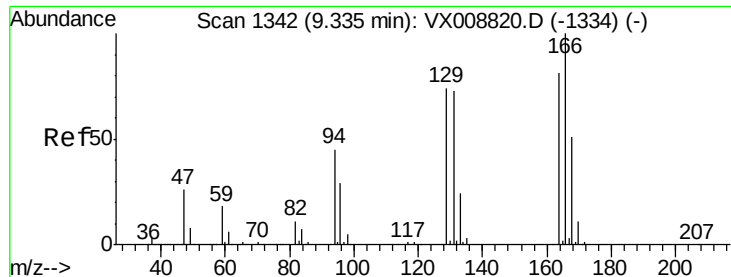
Tgt Ion: 117 Resp: 235096
Ion Ratio Lower Upper

117 100

82 60.0 49.6 74.4

119 30.7 25.0 37.4





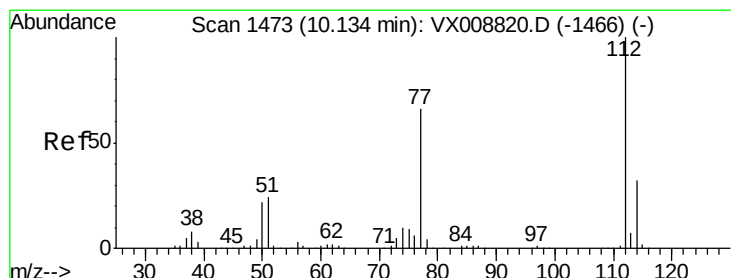
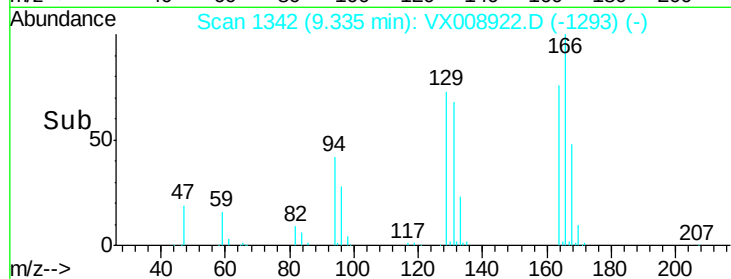
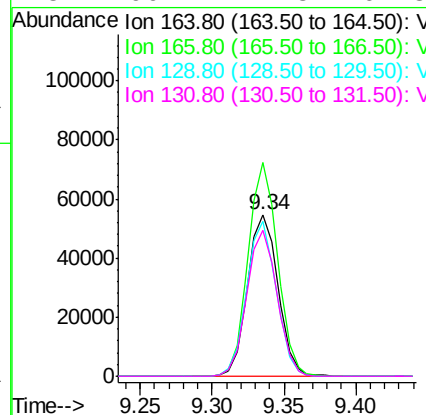
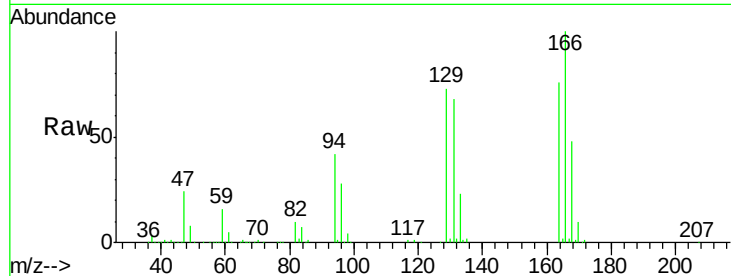
#64
Tetrachloroethene
 Concen: 45.725 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleID :
 S8-0703MSD

Tgt Ion:	164	Resp:	79644
Ion Ratio	Lower	Upper	
164	100		
166	132.0	101.0	151.6
129	96.0	75.8	113.8
131	90.2	71.8	107.8

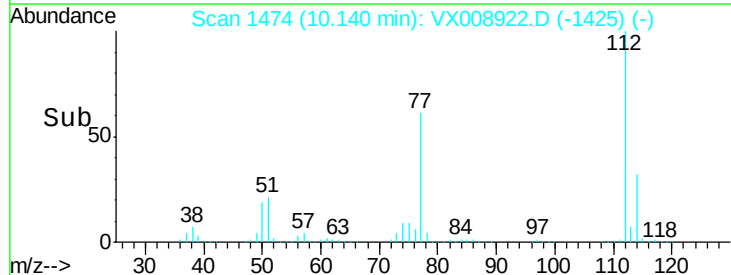
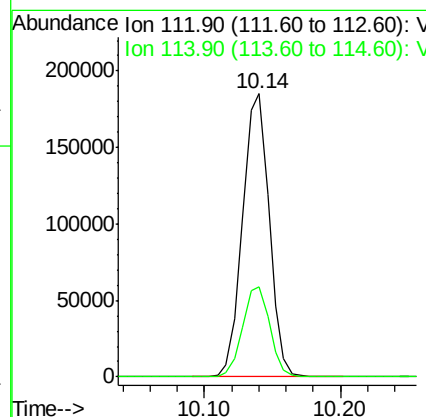
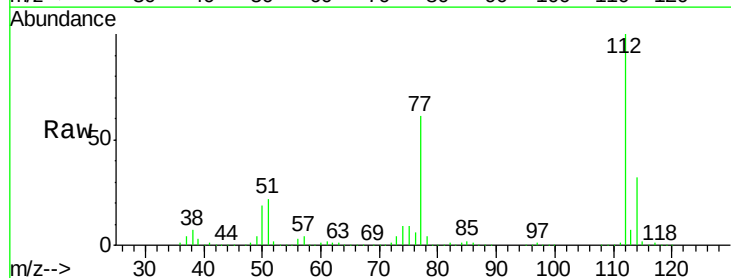
Manual Integrations
 APPROVED

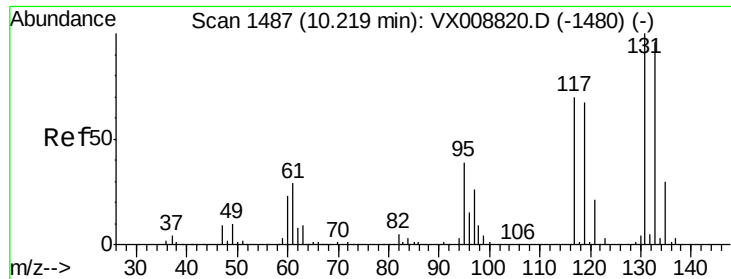
MMDadoda
 4/13/2019 2:12:53 PM



#65
Chlorobenzene
 Concen: 48.602 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion:	112	Resp:	253278
Ion Ratio	Lower	Upper	
112	100		
114	31.9	25.8	38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 50.444 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion:131 Resp: 92224

Ion Ratio Lower Upper

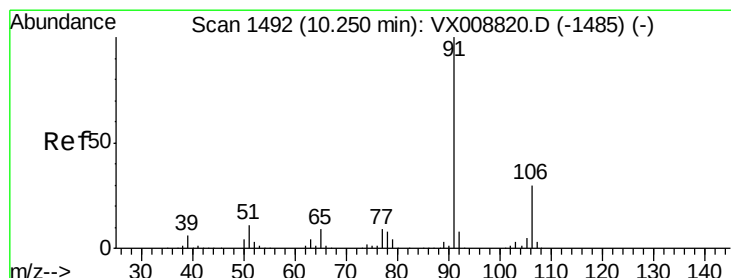
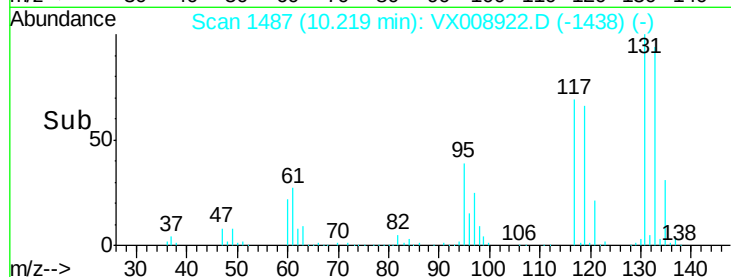
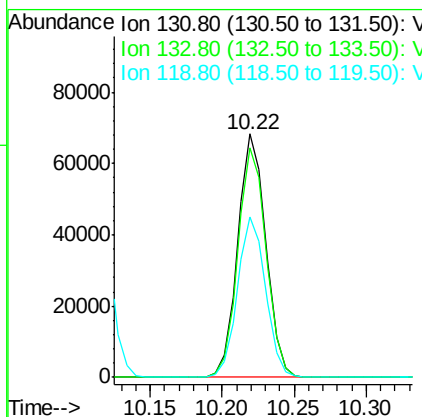
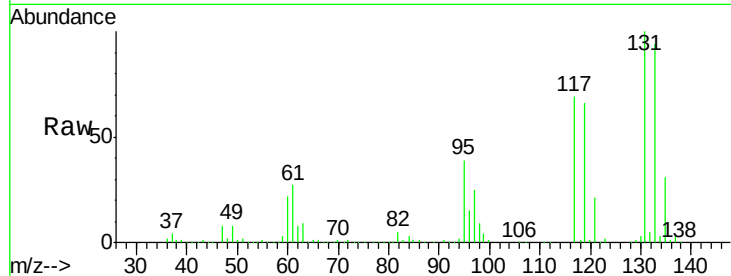
131 100

133 94.8 47.0 141.2

119 66.3 33.7 101.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 79.732 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008922.D

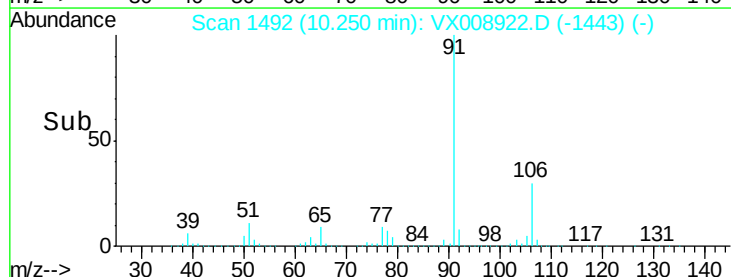
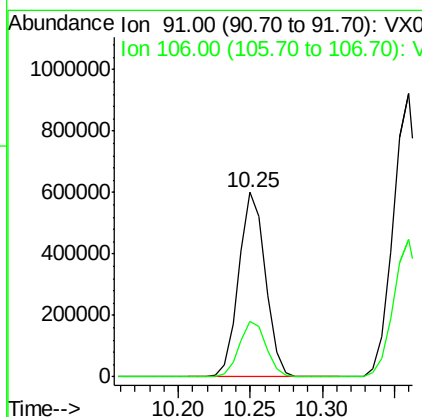
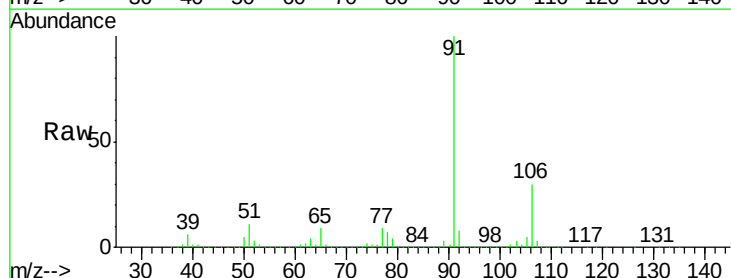
Acq: 13 Apr 2019 05:55

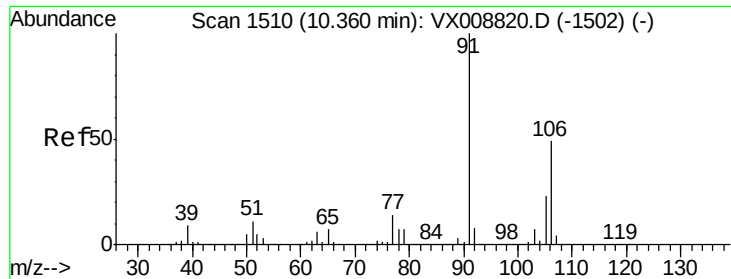
Tgt Ion: 91 Resp: 774791

Ion Ratio Lower Upper

91 100

106 30.2 23.7 35.5





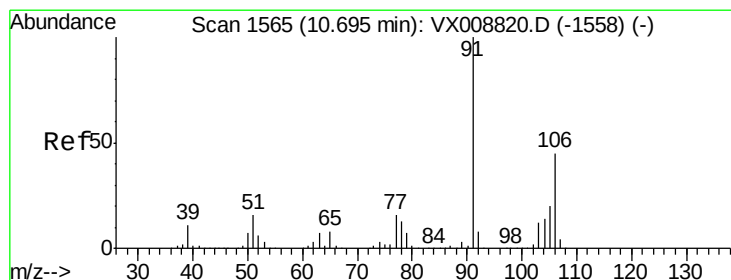
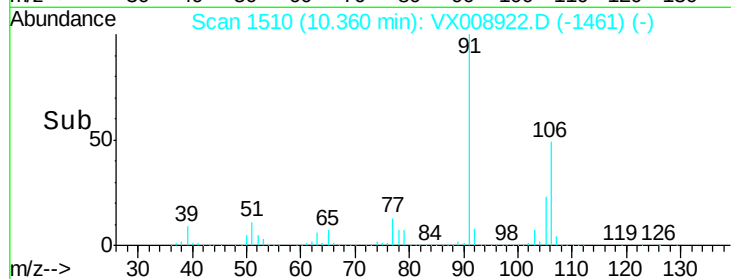
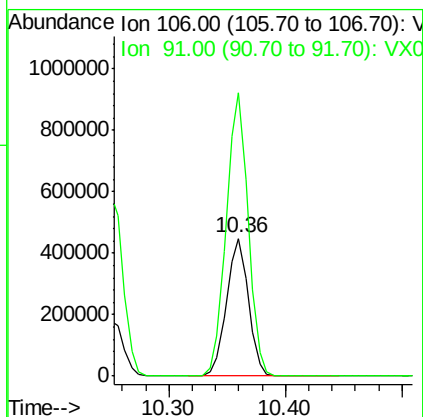
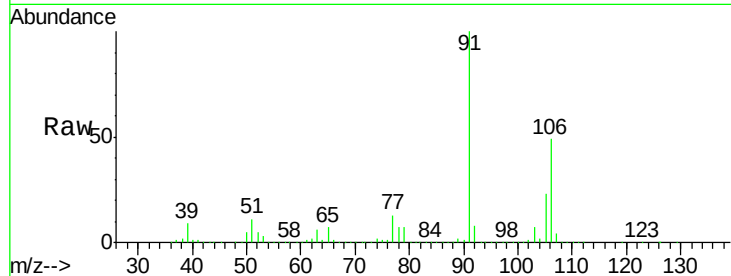
#68
m/p-Xylenes
Concen: 166.360 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampled :
S8-0703MSD

Tgt Ion:106 Resp: 581251
Ion Ratio Lower Upper
106 100
91 206.5 168.5 252.7

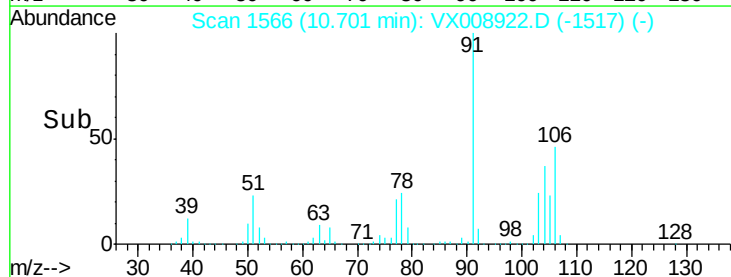
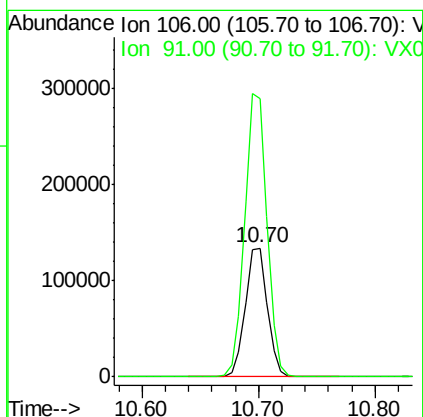
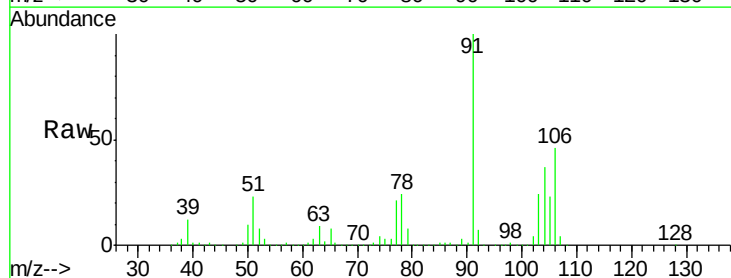
Manual Integrations
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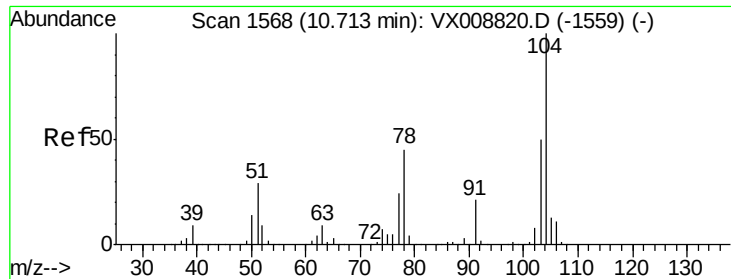
MMDadoda
4/13/2019 2:12:53 PM



#69
o-Xylene
Concen: 52.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion:106 Resp: 179237
Ion Ratio Lower Upper
106 100
91 219.5 111.5 334.4





#70

Styrene

Concen: 48.872 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

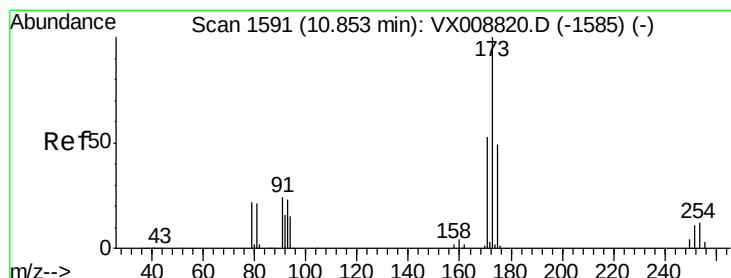
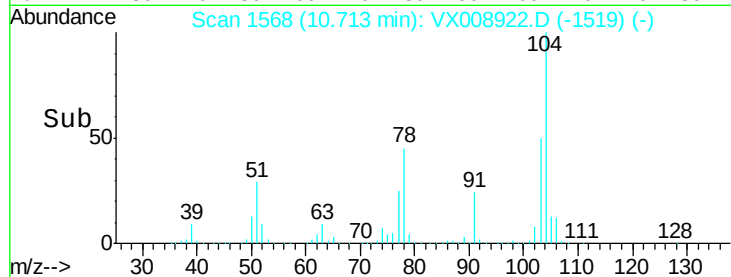
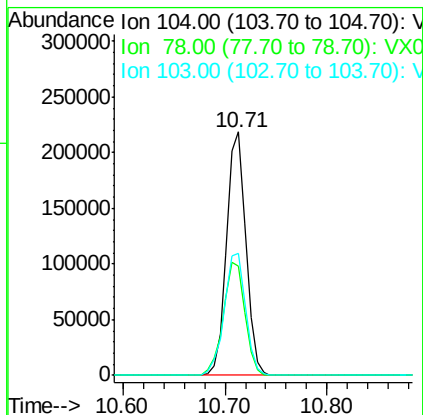
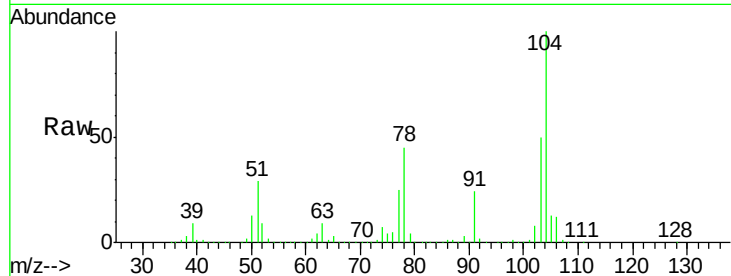
ClientSampleId :

S8-0703MSD

Tgt Ion:	104	Resp:	285249
Ion Ratio	Lower	Upper	
104	100		
78	52.5	42.3	63.5
103	55.8	44.4	66.6

Manual Integrations
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#71

Bromoform

Concen: 53.237 ug/l

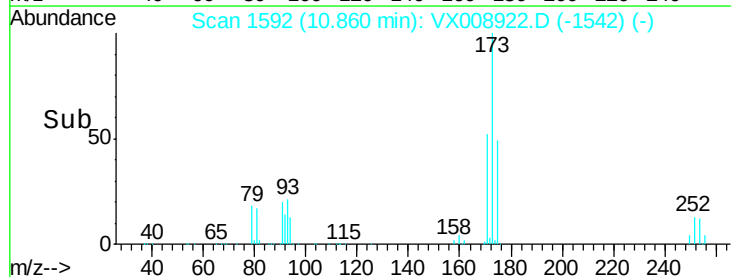
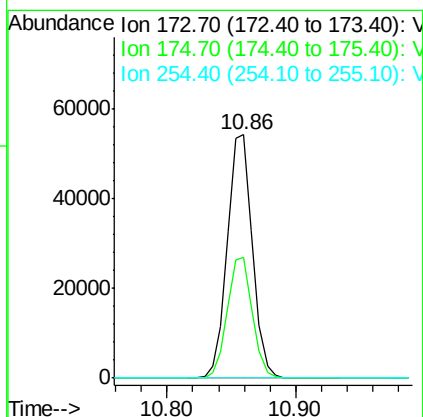
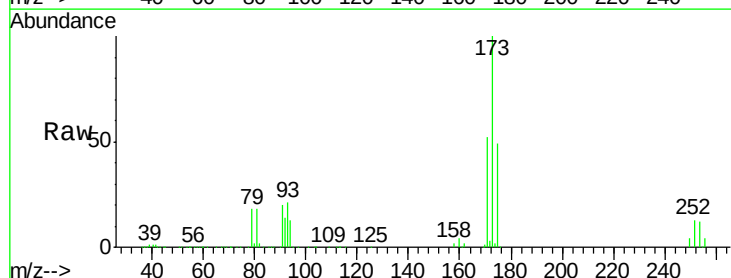
RT: 10.86 min Scan# 1592

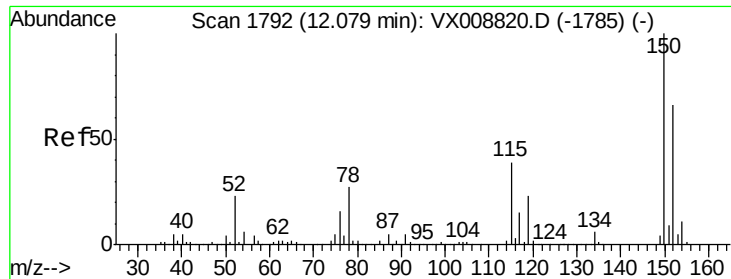
Delta R.T. 0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	173	Resp:	74335
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.9	74.6
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

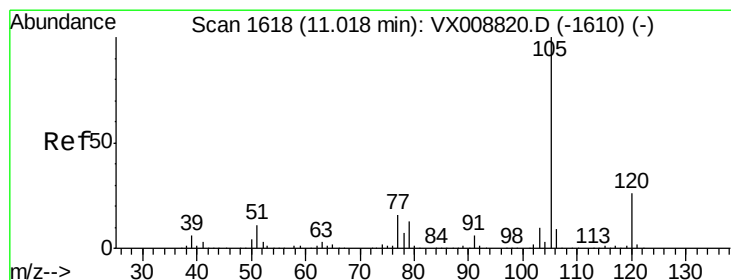
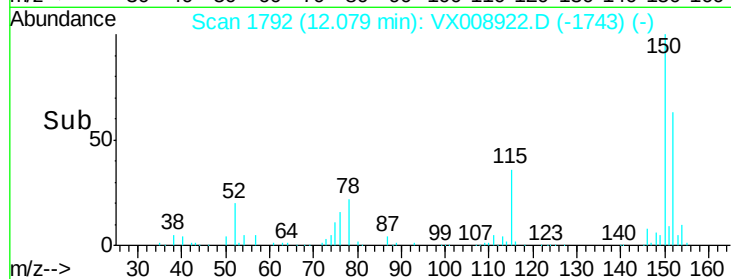
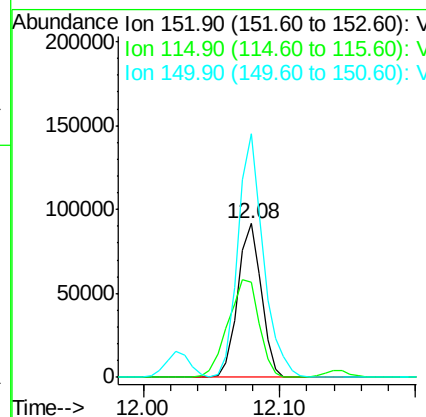
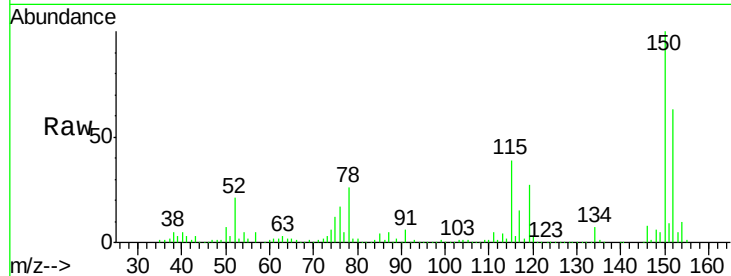
ClientSampleId :

S8-0703MSD

Tgt Ion:	152	Resp:	110334
Ion Ratio	Lower	Upper	
152	100		
115	84.7	43.5	130.5
150	171.2	0.0	348.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.510 ug/l

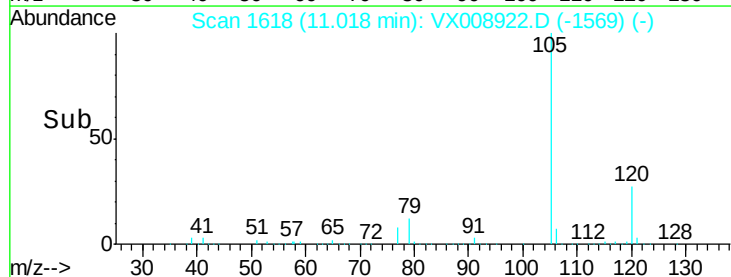
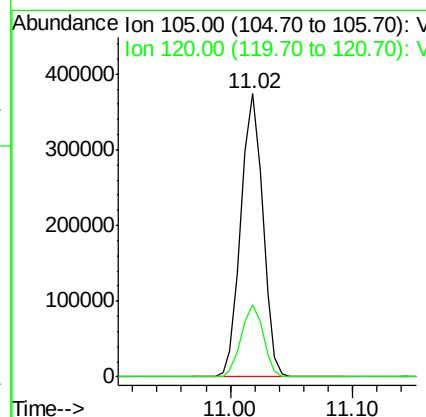
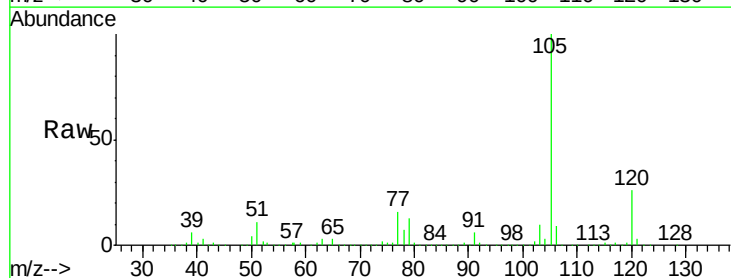
RT: 11.02 min Scan# 1618

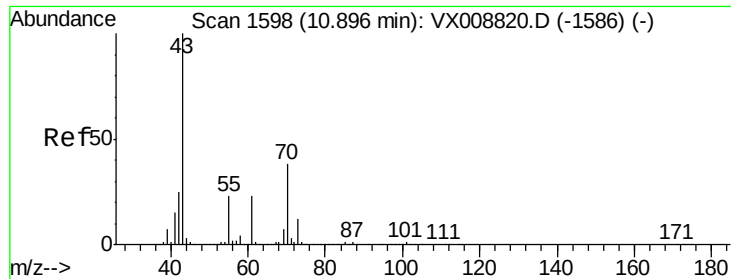
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	105	Resp:	461853
Ion Ratio	Lower	Upper	
105	100		
120	25.6	12.9	38.6





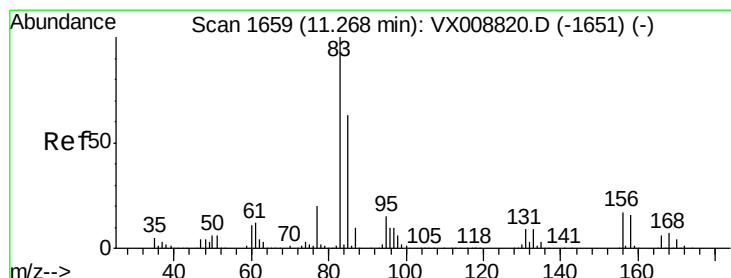
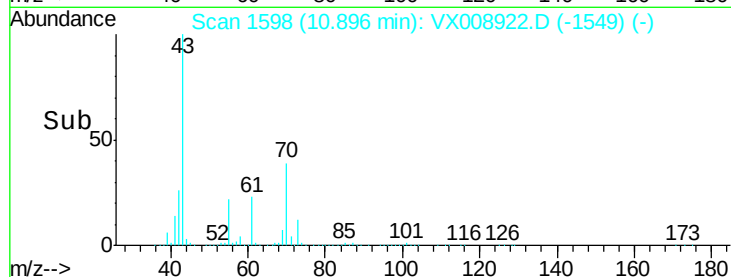
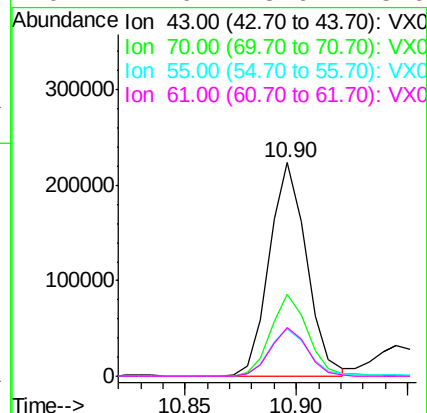
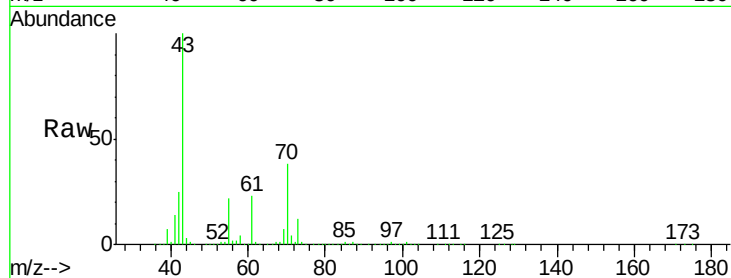
#74
N-ethyl acetate
Concen: 48.019 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	258326		
70	38.7	30.2	45.4	
55	23.1	18.2	27.4	
61	22.6	18.6	28.0	

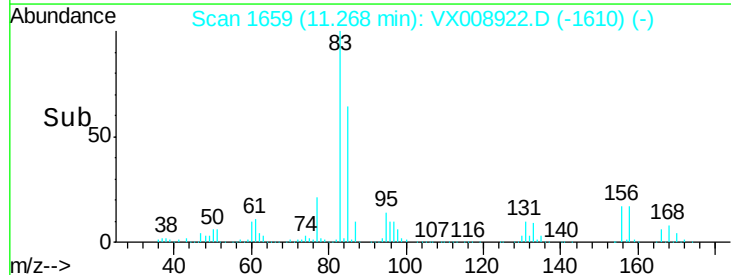
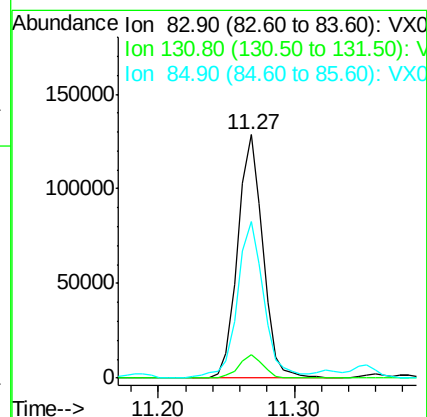
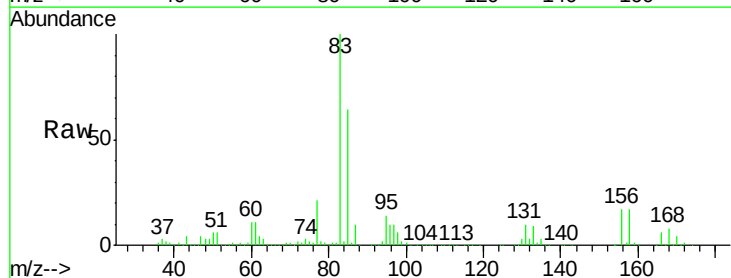
Manual Integrations
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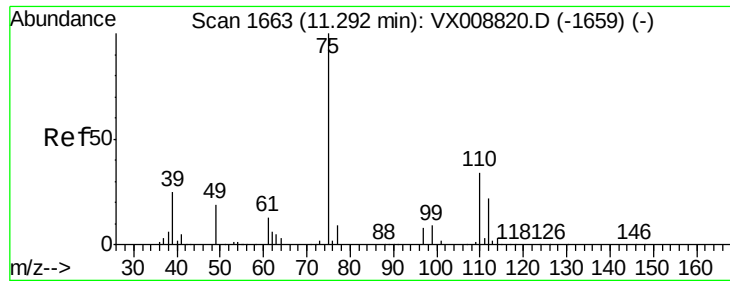
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4/13/2019 2:12:53 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 47.127 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	163885		
131	9.4	4.5	13.7	
85	69.0	32.0	96.2	





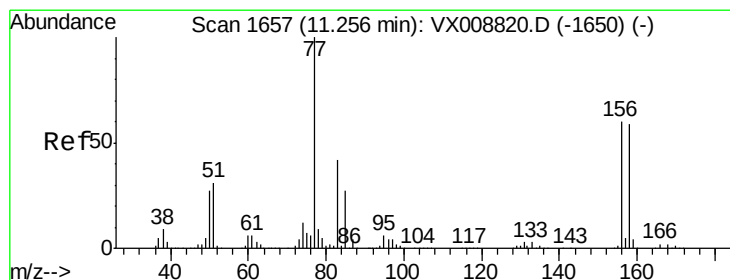
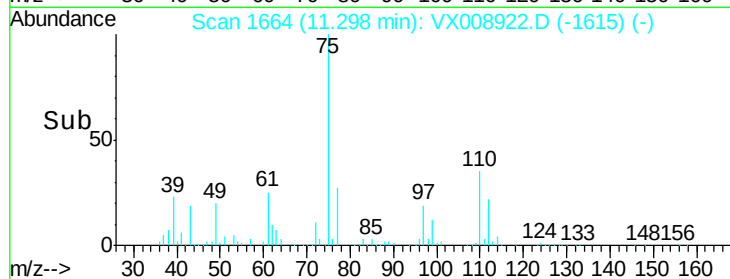
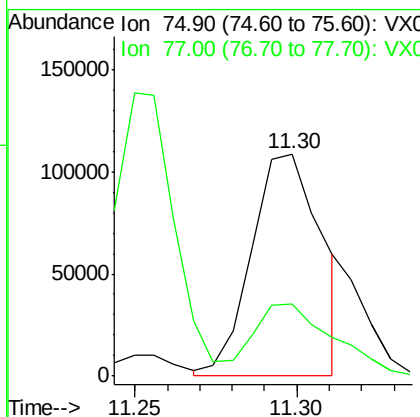
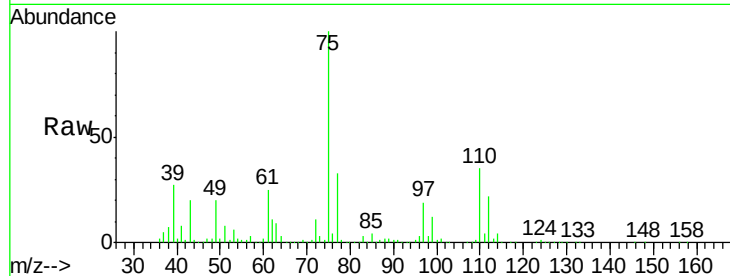
#76
 1,2,3-Trichloropropane
 Concen: 53.623 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion: 75 Resp: 162529
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.3 66.8

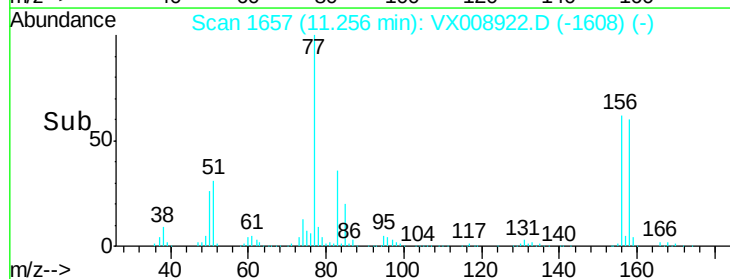
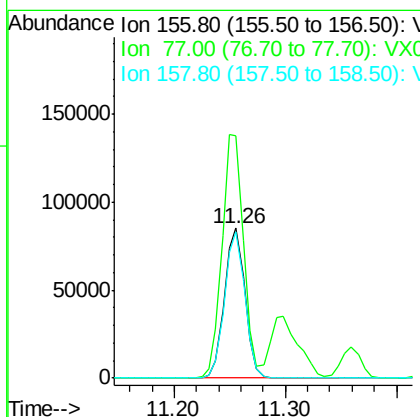
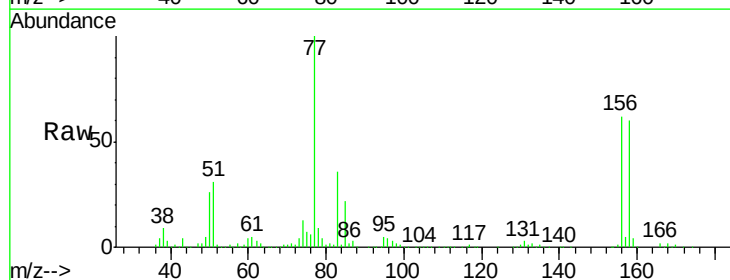
Manual Integrations
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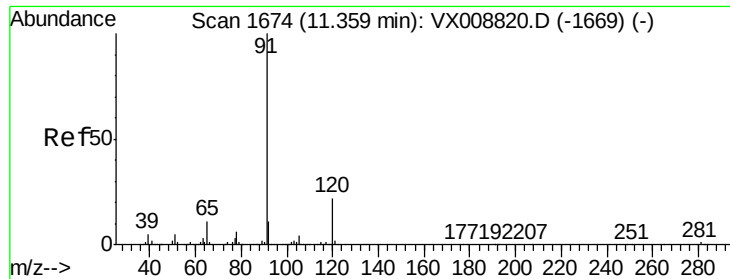
MMDadoda
 4/13/2019 2:12:53 PM



#77
 Bromobenzene
 Concen: 49.181 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 156 Resp: 108108
 Ion Ratio Lower Upper
 156 100
 77 169.8 89.8 269.6
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 51.255 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

S8-0703MSD

Tgt Ion: 91 Resp: 545698

Ion Ratio Lower Upper

91 100

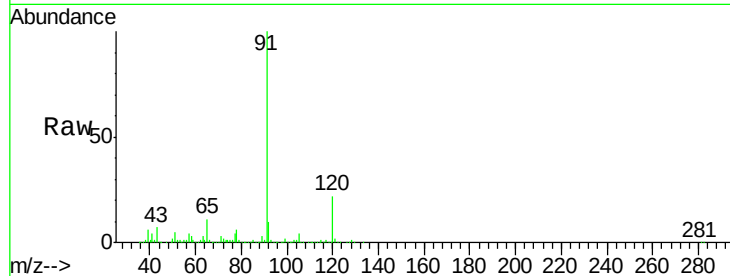
120 22.1 10.9 32.7

Manual Integrations

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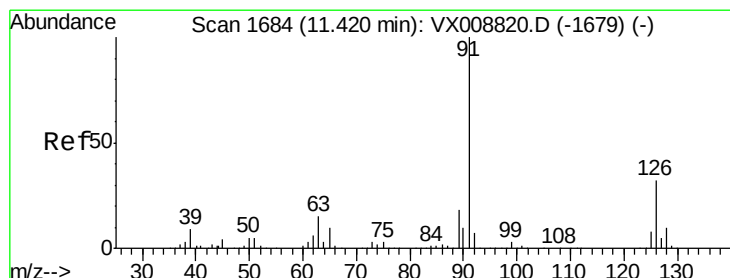
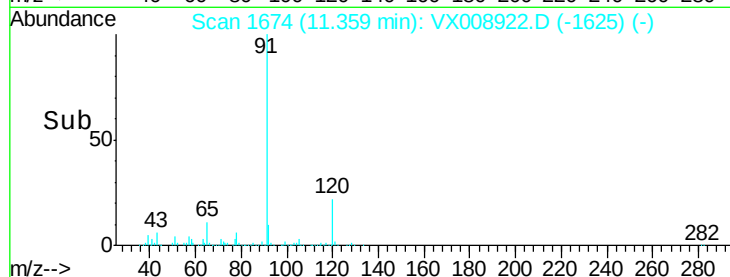
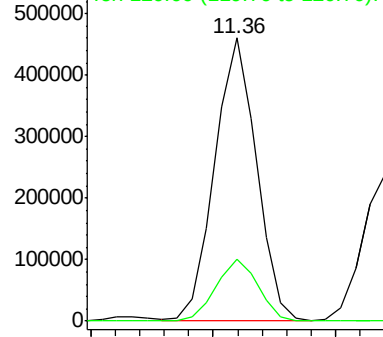
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 47.863 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008922.D

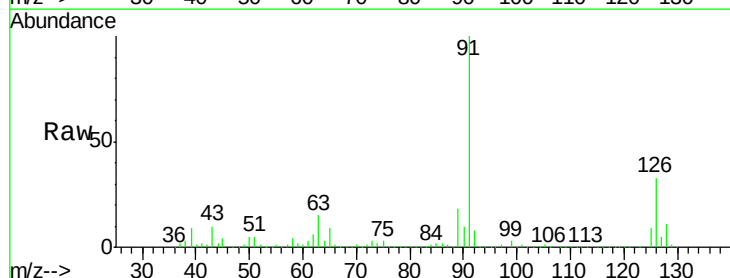
Acq: 13 Apr 2019 05:55

Tgt Ion: 91 Resp: 308374

Ion Ratio Lower Upper

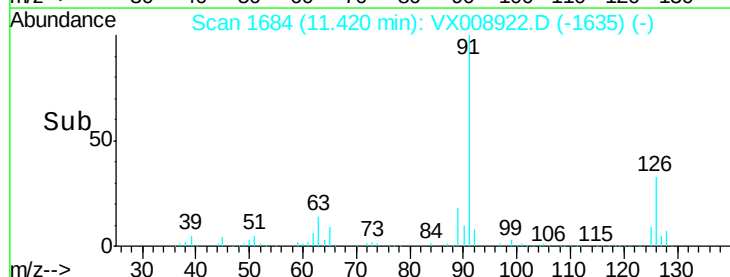
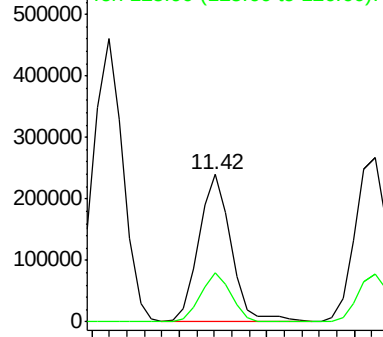
91 100

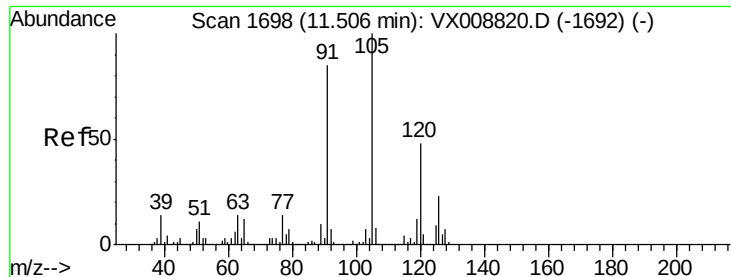
126 32.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





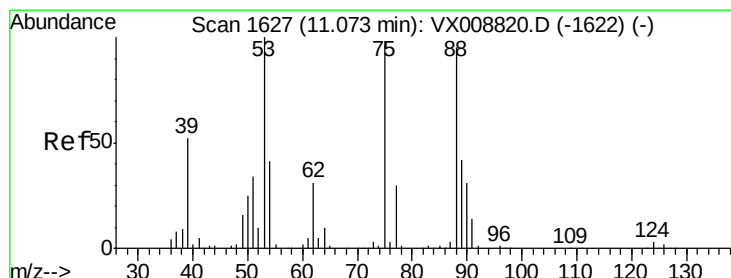
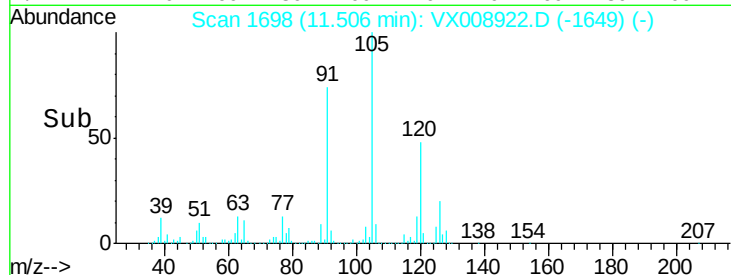
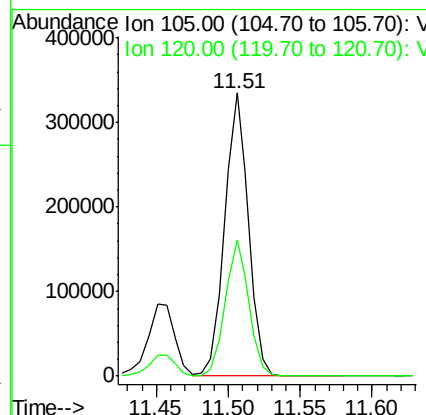
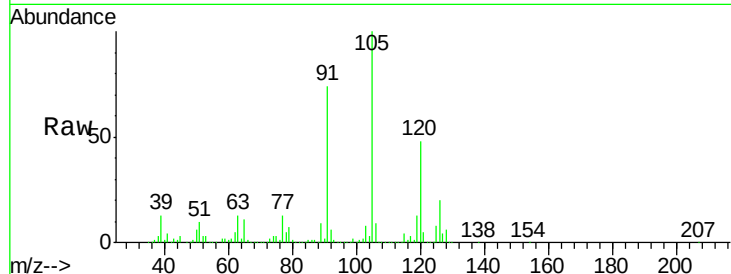
#80
 1,3,5-Trimethylbenzene
 Concen: 50.374 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703MSD

Tgt Ion: 105 Resp: 386641
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6

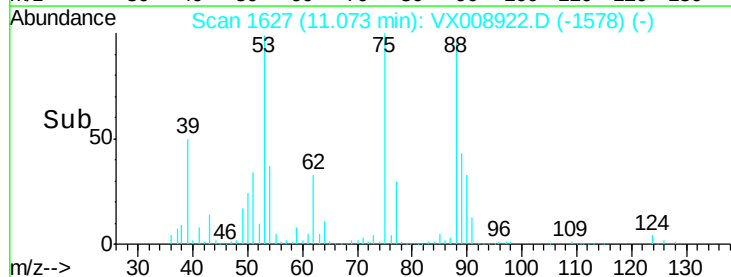
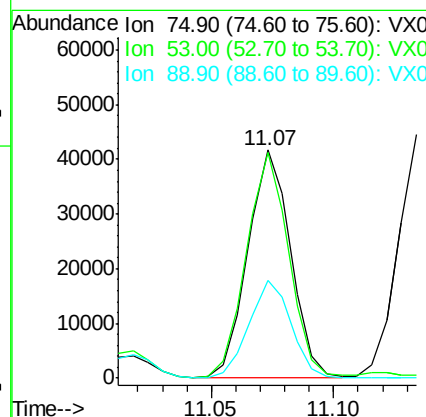
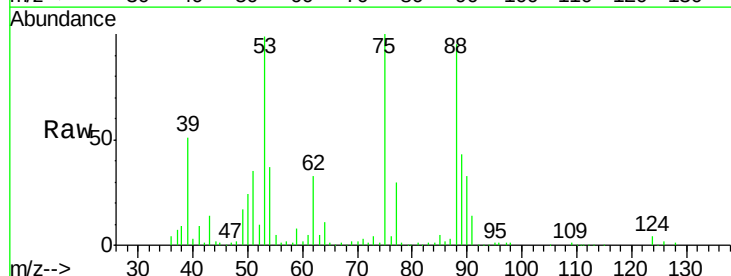
Manual Integrations
 APPROVED

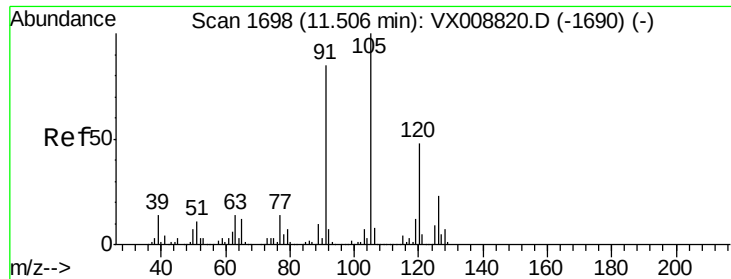
MMDadoda
 4/13/2019 2:12:53 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.956 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 75 Resp: 50531
 Ion Ratio Lower Upper
 75 100
 53 97.4 81.3 121.9
 89 42.7 35.6 53.4





#82

4-Chlorotoluene

Concen: 45.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tgt Ion: 91 Resp: 342540

Ion Ratio Lower Upper

91 100

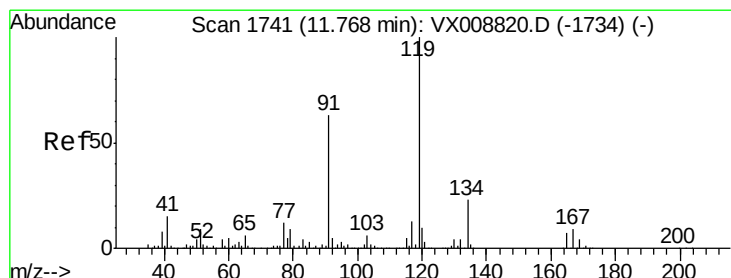
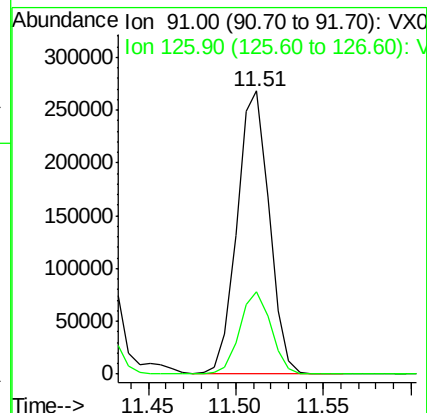
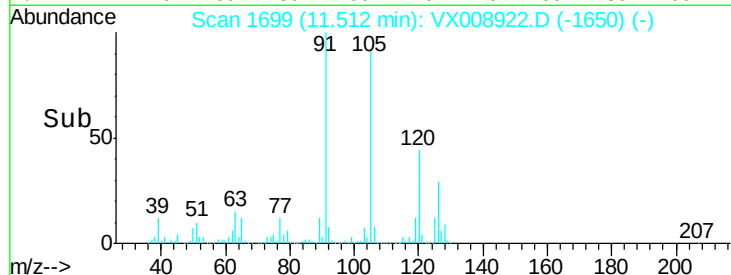
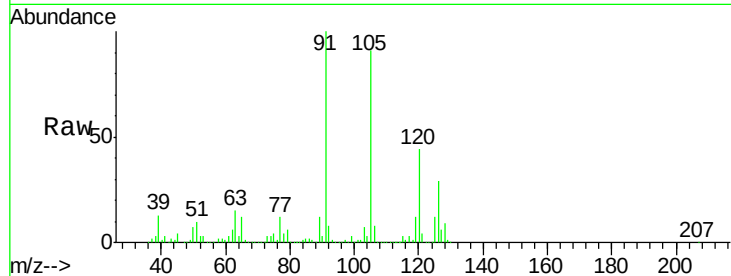
126 28.3 13.9 41.6

Manual Integrations

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#83

tert-Butylbenzene

Concen: 47.711 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

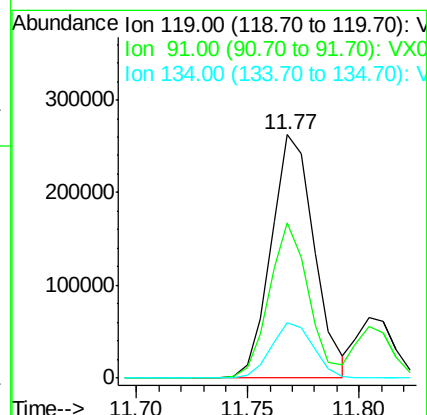
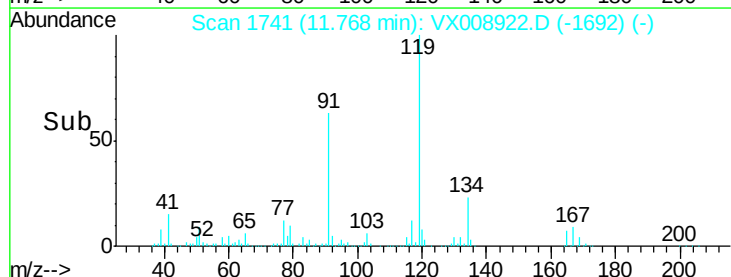
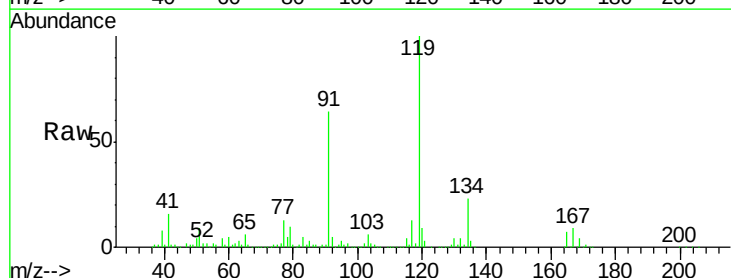
Tgt Ion: 119 Resp: 352312

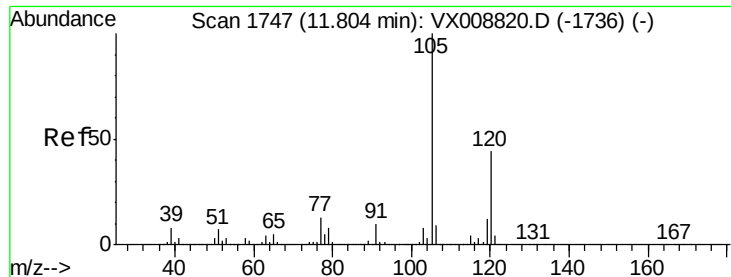
Ion Ratio Lower Upper

119 100

91 58.8 30.0 90.1

134 22.4 11.1 33.3





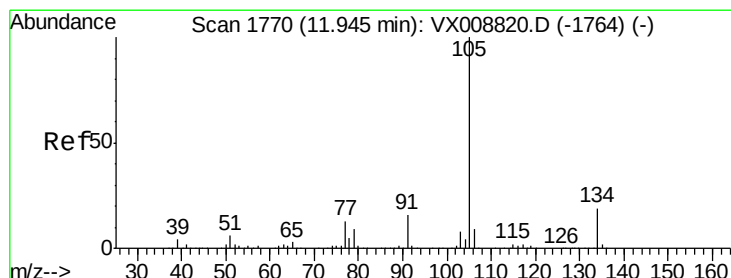
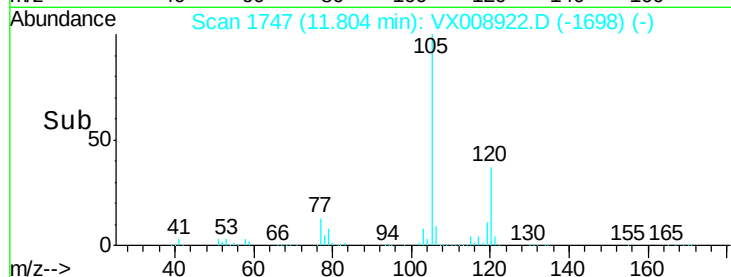
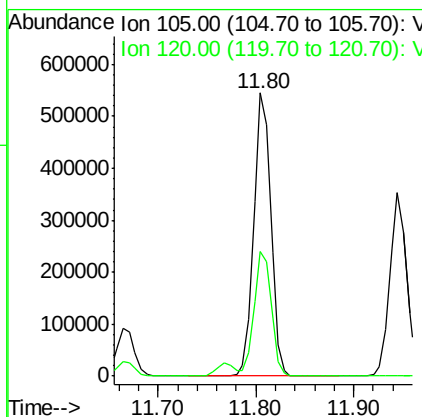
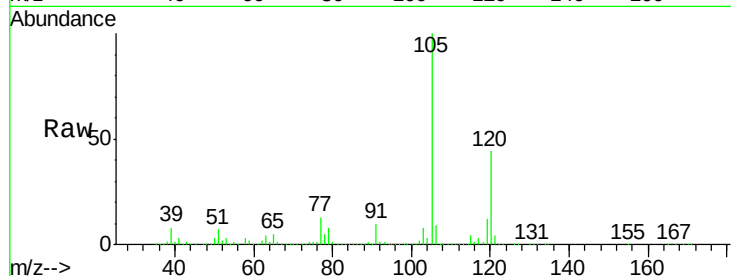
#84
 1,2,4-Trimethylbenzene
 Concen: 85.110 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion:105 Resp: 661459
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.3

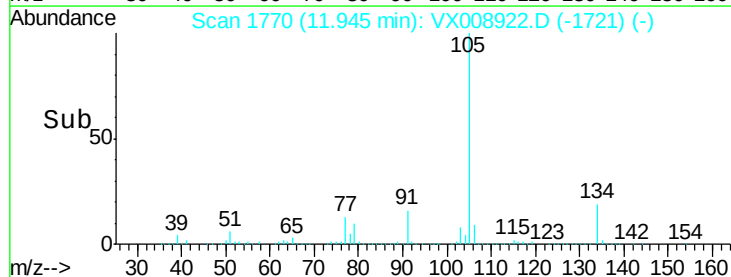
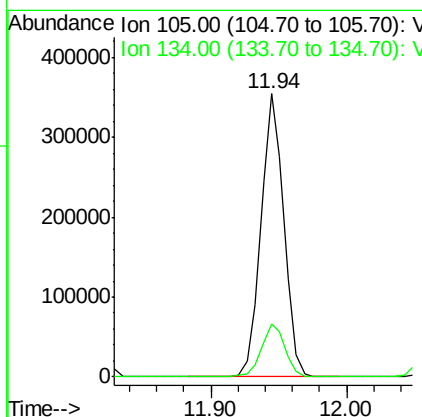
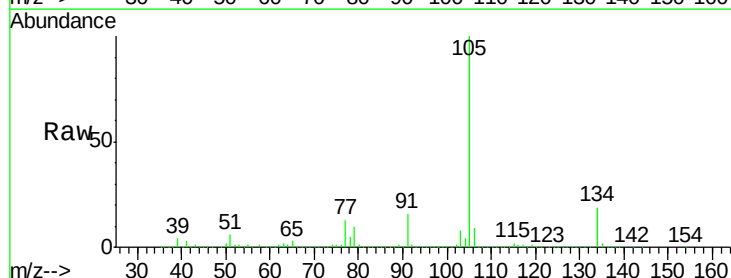
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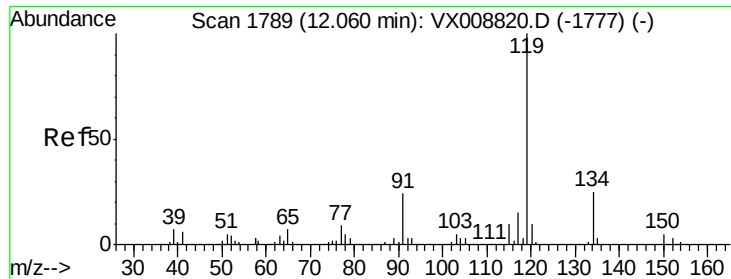
MMDadoda
 4/13/2019 2:12:53 PM



#85
 sec-Butylbenzene
 Concen: 47.657 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion:105 Resp: 418008
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.4 28.2





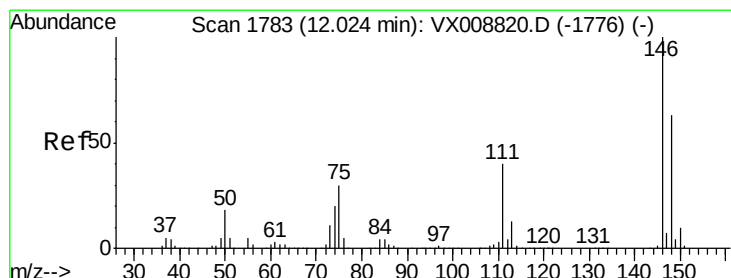
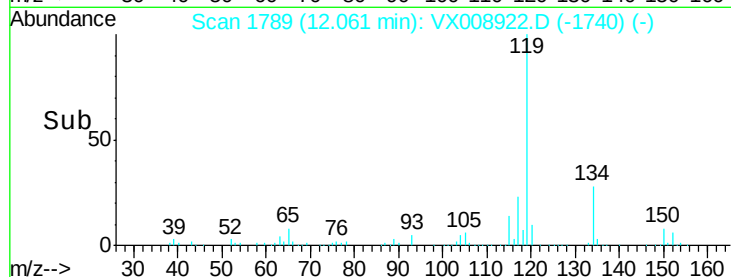
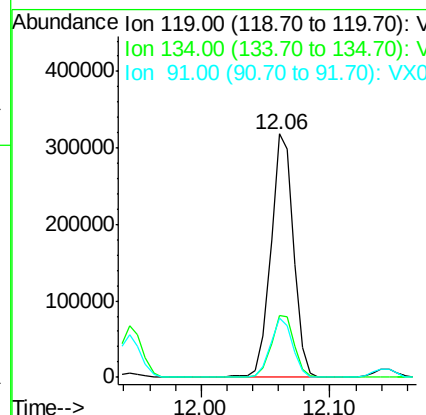
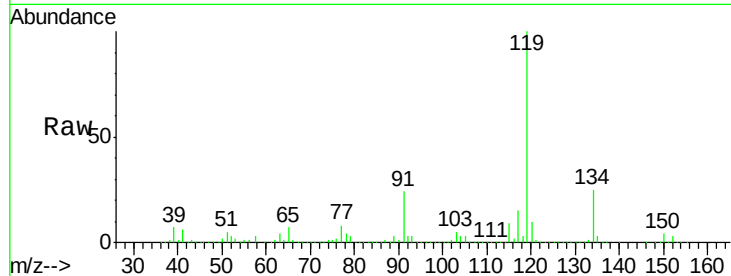
#86
p-Isopropyltoluene
Concen: 49.334 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	388386		
134	25.7	12.8	38.4	
91	23.8	12.2	36.6	

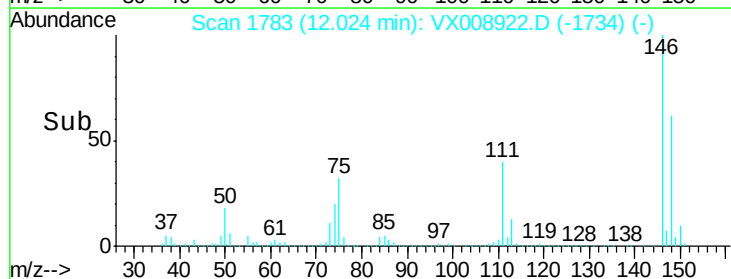
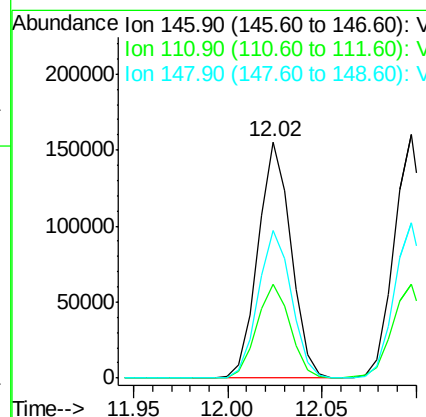
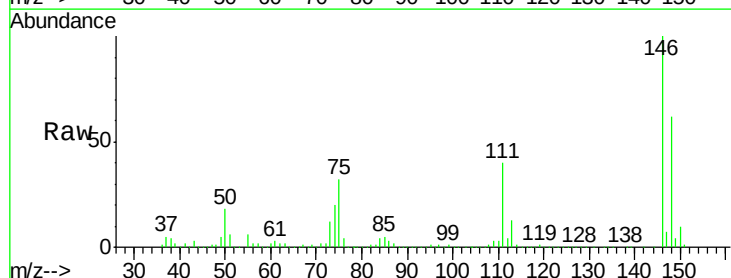
Manual Integrations
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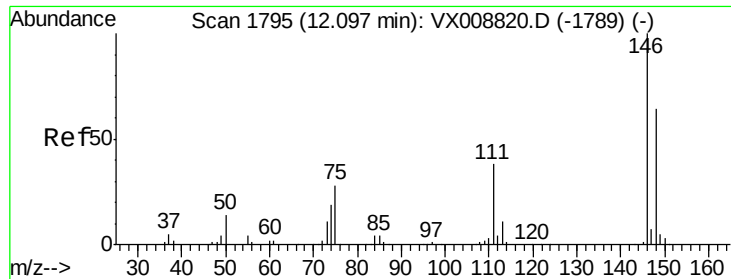
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 47.751 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187911		
111	39.7	20.5	61.5	
148	63.3	31.6	94.7	





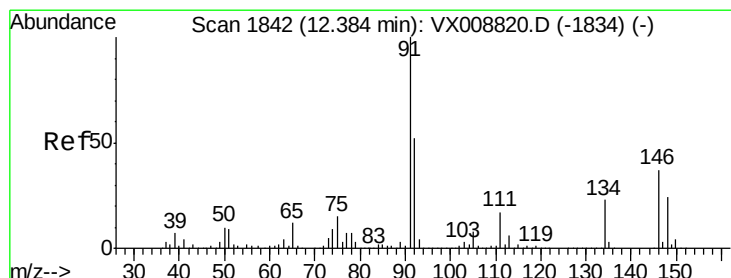
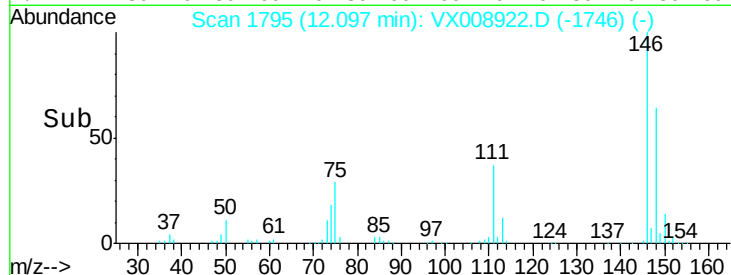
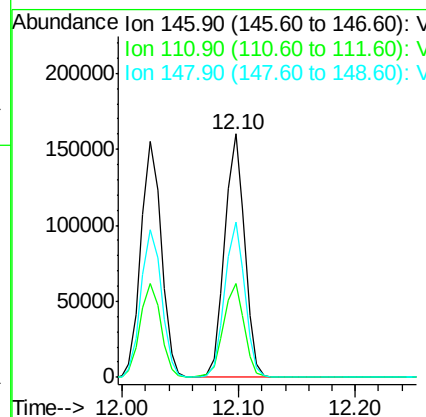
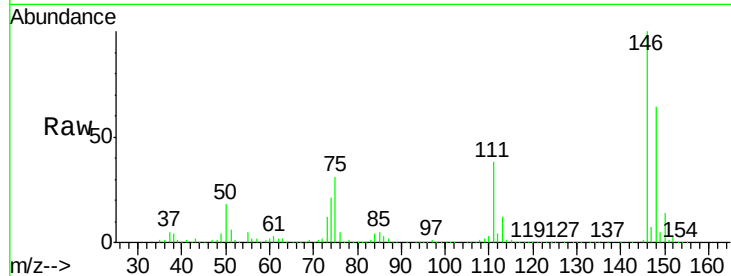
#88
 1,4-Dichlorobenzene
 Concen: 47.453 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	189091		
111	39.6	20.2	60.6	
148	63.9	32.0	96.0	

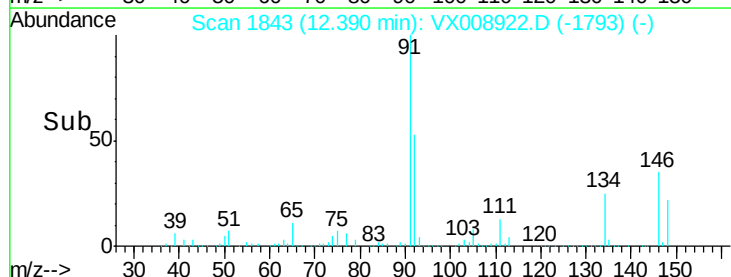
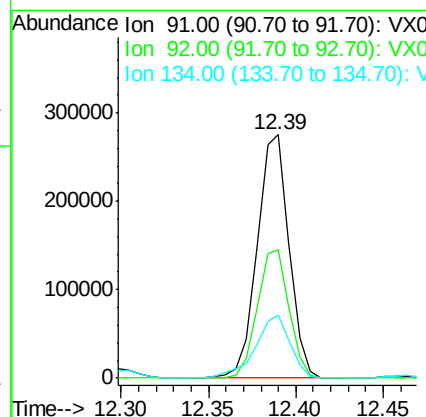
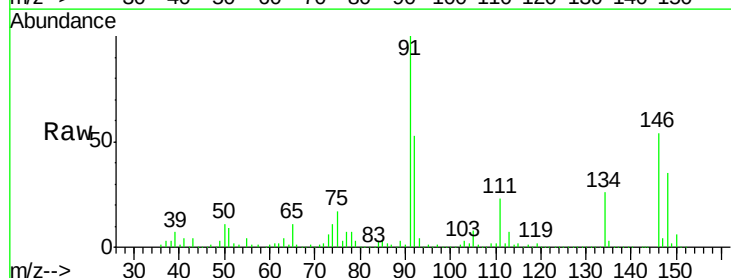
Manual Integrations
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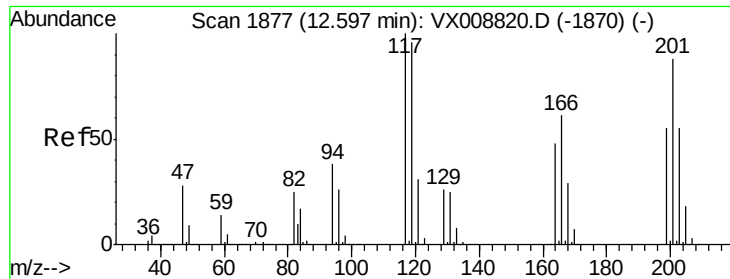
MMDadoda
 4/13/2019 2:12:53 PM



#89
 n-Butylbenzene
 Concen: 46.927 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	346462		
92	52.5	26.4	79.2	
134	28.3	12.0	36.0	





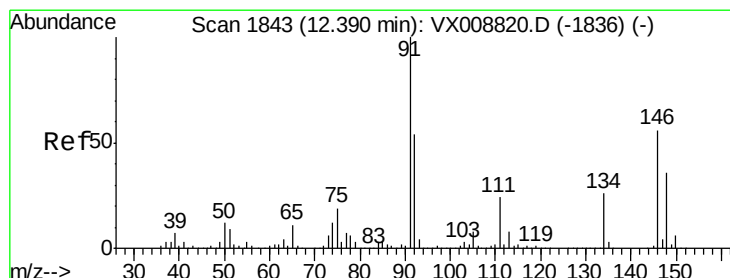
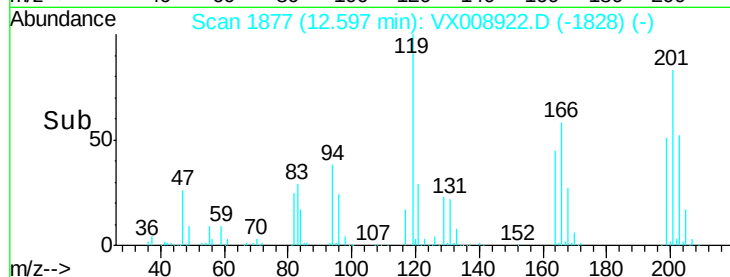
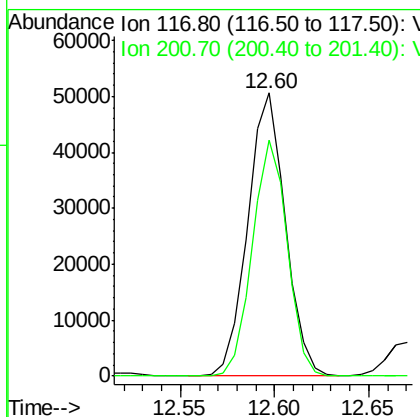
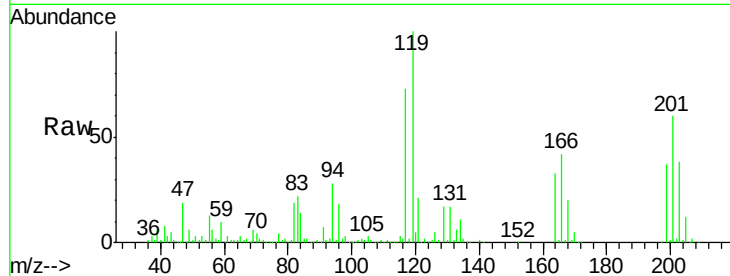
#90
Hexachloroethane
Concen: 53.535 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tgt Ion:117 Resp: 69903
Ion Ratio Lower Upper
117 100
201 77.5 40.6 122.0

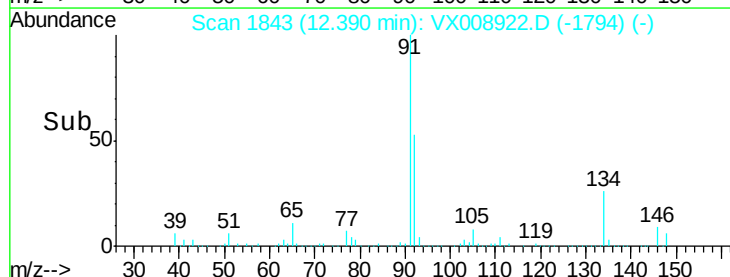
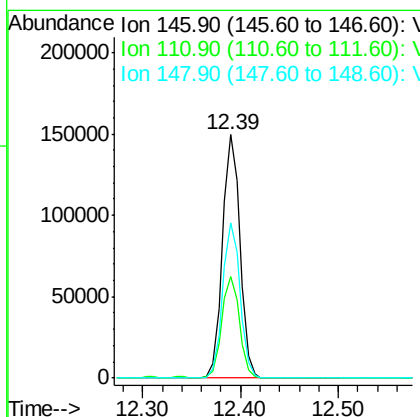
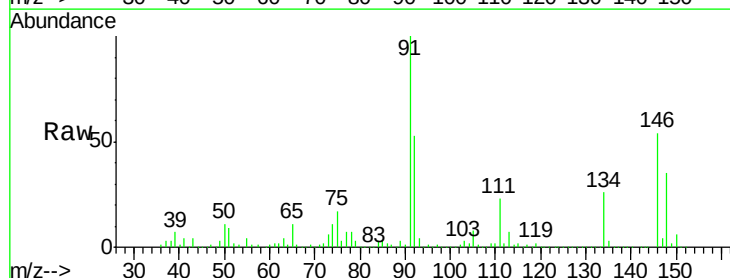
Manual Integrations
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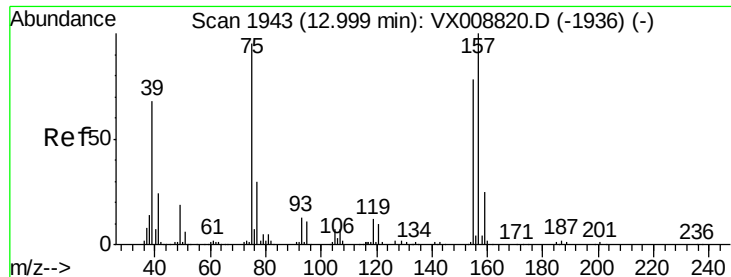
MMDadoda
4/13/2019 2:12:53 PM



#91
1,2-Dichlorobenzene
Concen: 47.481 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion:146 Resp: 185517
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.6 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 57.865 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

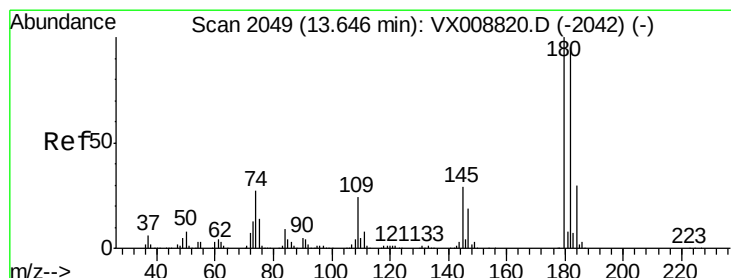
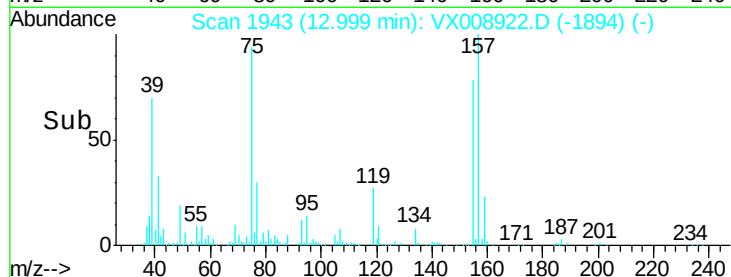
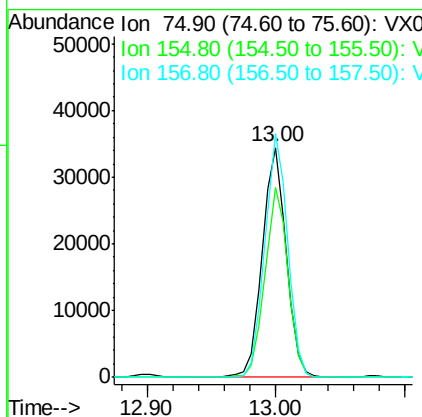
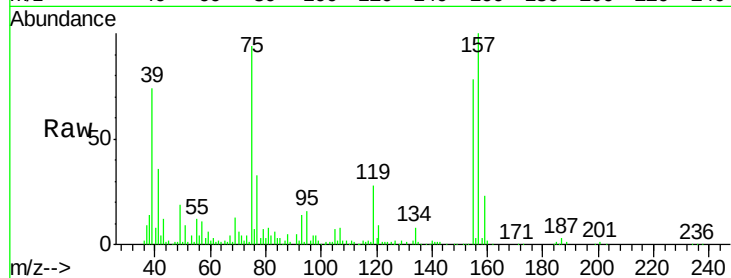
ClientSampleId :

S8-0703MSD

Tgt Ion:	75	Resp:	44266
Ion Ratio	Lower	Upper	
75	100		
155	79.1	39.9	119.6
157	101.7	51.5	154.7

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 47.349 ug/l

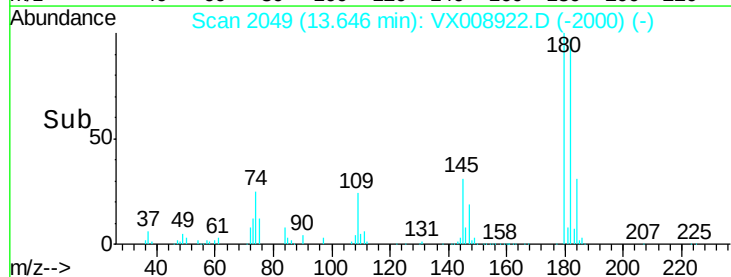
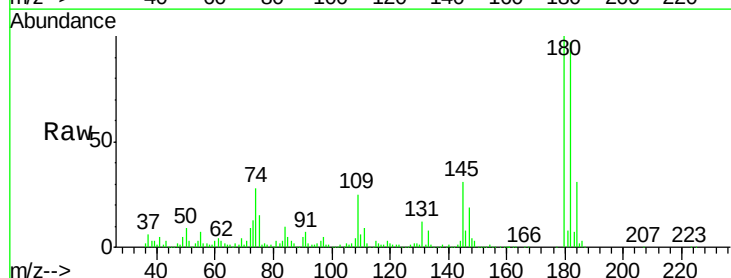
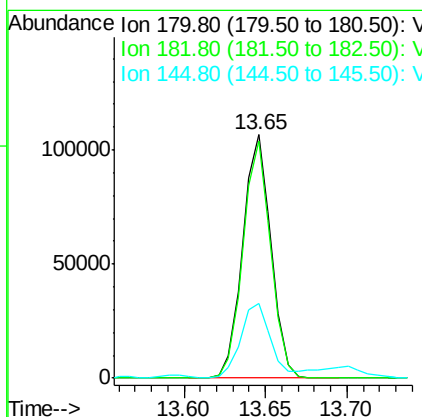
RT: 13.65 min Scan# 2049

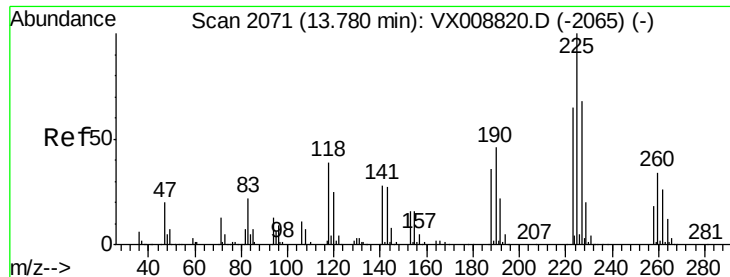
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:	180	Resp:	128629
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.2	141.6
145	32.2	15.3	45.9





#94

Hexachlorobutadiene

Concen: 39.970 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

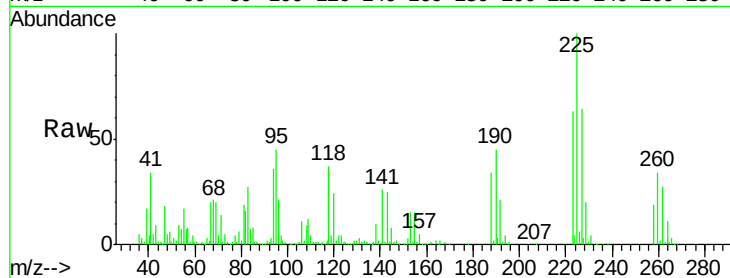
ClientSampleId :

S8-0703MSD

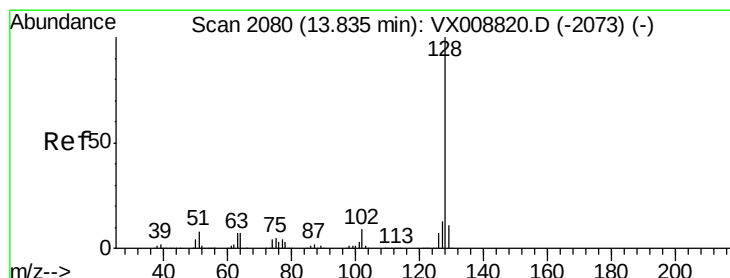
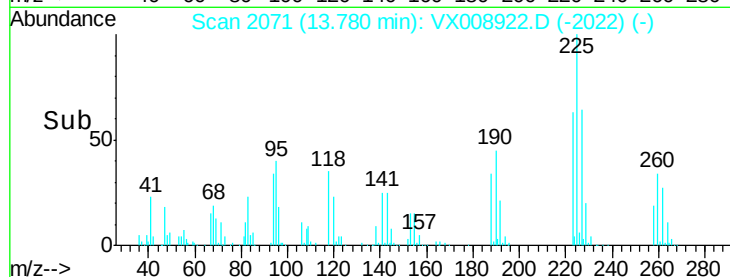
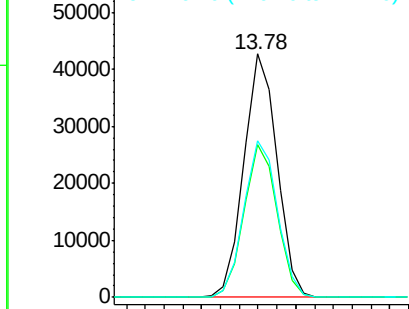
Tgt Ion:	225	Resp:	52075
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.2	93.6
227	65.5	31.9	95.5

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



#95

Naphthalene

Concen: 62.962 ug/l

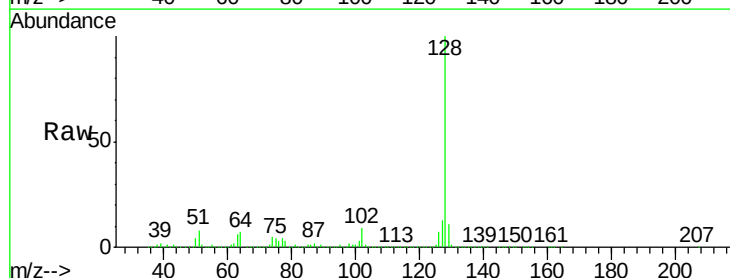
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

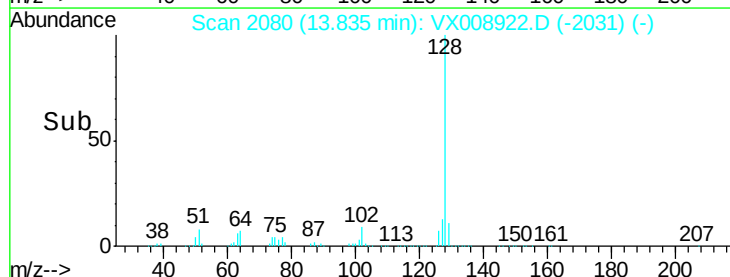
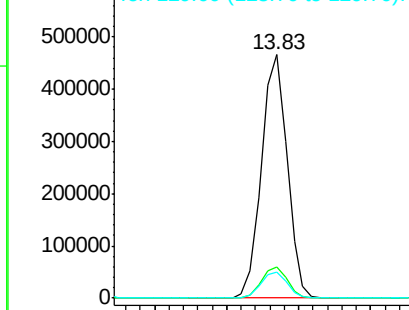
Lab File: VX008922.D

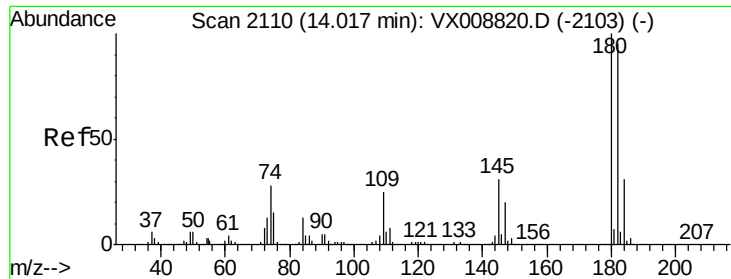
Acq: 13 Apr 2019 05:55

Tgt Ion:	128	Resp:	571661
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.606 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	48.1	144.3
145	34.6	16.3	48.8

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:53 PM

