

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004883.D
 Acq On : 01 Oct 2018 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:53 PM

Quant Time: Oct 02 05:07:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195756	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159607	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.50	113	129849	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	8.71	98	495070	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.14	95	184957	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	172741	57.068	ug/l	96
3) Chloromethane	1.32	50	185669	50.558	ug/l	99
4) Vinyl Chloride	1.40	62	186847	54.247	ug/l	99
5) Bromomethane	1.64	94	141620	69.337	ug/l	99
6) Chloroethane	1.71	64	108911	58.412	ug/l	97
7) Trichlorofluoromethane	1.92	101	238693	55.977	ug/l	94
8) Diethyl Ether	2.19	74	95272	51.430	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130969	53.920	ug/l	98
10) Methyl Iodide	2.51	142	135300	41.627	ug/l	98
11) Tert butyl alcohol	3.09	59	239377	269.954	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126090	52.417	ug/l	95
13) Acrolein	2.29	56	127134	201.510	ug/l	96
14) Allyl chloride	2.72	41	285237	54.346	ug/l	94
15) Acrylonitrile	3.15	53	534210	273.668	ug/l	99
16) Acetone	2.45	43	470424	254.079	ug/l	97
17) Carbon Disulfide	2.56	76	366973	50.770	ug/l	99
18) Methyl Acetate	2.78	43	280813	59.863	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	466785	56.257	ug/l	97
20) Methylene Chloride	2.85	84	147237	54.775	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	137861	52.354	ug/l	96
22) Diisopropyl ether	3.87	45	482468	54.589	ug/l	96
23) Vinyl Acetate	3.82	43	2147346	265.430	ug/l	96
24) 1,1-Dichloroethane	3.69	63	260953	49.497	ug/l	98
25) 2-Butanone	4.71	43	716900	262.683	ug/l	95
26) 2,2-Dichloropropane	4.58	77	167094	45.514	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	148651	50.533	ug/l	96
28) Bromochloromethane	5.02	49	120716	48.623	ug/l	90
29) Tetrahydrofuran	5.16	42	470815	277.561	ug/l	92
30) Chloroform	5.21	83	253412	50.859	ug/l	97
31) Cyclohexane	5.57	56	226726	56.189	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	216156	53.120	ug/l	99
36) 1,1-Dichloropropene	5.79	75	186060	48.646	ug/l	100
37) Ethyl Acetate	4.86	43	254041	50.037	ug/l	97
38) Carbon Tetrachloride	5.78	117	188523	46.890	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	216607	55.461	ug/l	96
40) Benzene	6.14	78	573124	47.863	ug/l	100
41) Methacrylonitrile	5.06	41	142876	50.744	ug/l	96
42) 1,2-Dichloroethane	6.20	62	205716	48.598	ug/l	97
43) Isopropyl Acetate	6.46	43	378059	51.591	ug/l	96
44) Trichloroethene	7.21	130	150865	51.251	ug/l	95
45) 1,2-Dichloropropane	7.52	63	155497	52.954	ug/l	98
46) Dibromomethane	7.66	93	99517	53.925	ug/l	98
47) Bromodichloromethane	7.90	83	192082	55.592	ug/l	98
48) Methyl methacrylate	7.78	41	200243	60.204	ug/l	93
49) 1,4-Dioxane	7.76	88	92033	1113.766	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1357718	294.259	ug/l	96
52) Toluene	8.79	92	357435	54.324	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210609	53.940	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	229619	56.146	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	150315	52.154	ug/l	96
56) Ethyl methacrylate	9.18	69	236516	50.538	ug/l	94
57) 1,3-Dichloropropane	9.37	76	253758	52.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	646806	259.860	ug/l	94
59) 2-Hexanone	9.50	43	1083004	281.669	ug/l	94
60) Dibromochloromethane	9.59	129	155466	53.937	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154694	50.118	ug/l	100
64) Tetrachloroethene	9.34	164	148846	47.471	ug/l	97
65) Chlorobenzene	10.14	112	398575	48.789	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	145986	50.831	ug/l	99
67) Ethyl Benzene	10.26	91	681029	52.509	ug/l	98
68) m/p-Xylenes	10.36	106	532911	105.147	ug/l	95
69) o-Xylene	10.70	106	256433	55.086	ug/l	97
70) Styrene	10.71	104	437490	50.238	ug/l	97
71) Bromoform	10.86	173	128875	52.414	ug/l	99
73) Isopropylbenzene	11.02	105	685845	55.585	ug/l	99
74) N-amyl acetate	10.90	43	341302	50.314	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	253121	50.395	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227920m	51.946	ug/l	
77) Bromobenzene	11.26	156	185964	51.889	ug/l	98
78) n-propylbenzene	11.36	91	798506	56.403	ug/l	99
79) 2-Chlorotoluene	11.42	91	474819	53.807	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	589504	52.136	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	70489	44.063	ug/l	99
82) 4-Chlorotoluene	11.51	91	564152	54.314	ug/l	99
83) tert-Butylbenzene	11.77	119	576165	56.715	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	607040	52.058	ug/l	99
85) sec-Butylbenzene	11.94	105	694972	56.164	ug/l	99
86) p-Isopropyltoluene	12.07	119	628104	56.027	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	342508	51.181	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	348486	50.445	ug/l	99
89) n-Butylbenzene	12.39	91	558196	54.824	ug/l	97
90) Hexachloroethane	12.60	117	99918	53.530	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	349970	50.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59258	53.733	ug/l	97

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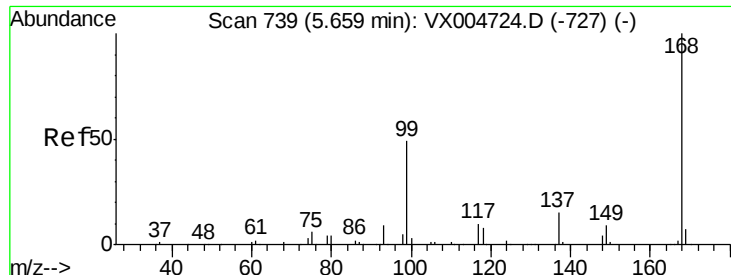
Manual Integrations
APPROVED

MMDadoda
10/4/2018 7:07:53 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	261008	53.203	ug/l	98
94) Hexachlorobutadiene	13.79	225	124707	49.021	ug/l	97
95) Naphthalene	13.83	128	844250	51.822	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	268874	53.055	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: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 222004

Ion Ratio Lower Upper

168 100

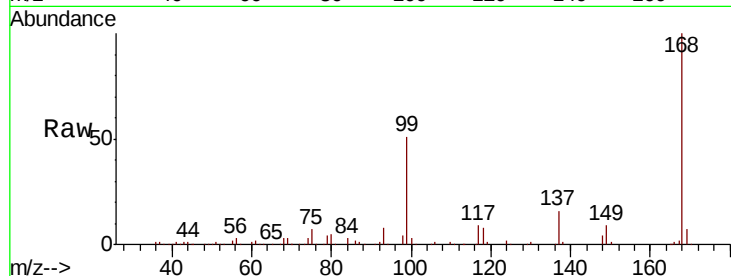
99 50.8 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

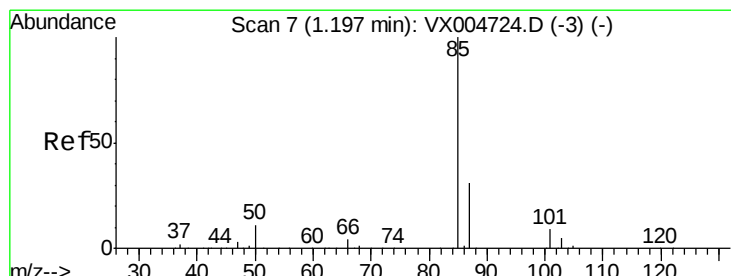
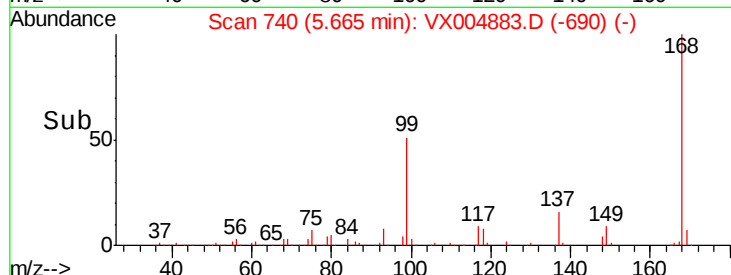
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 57.068 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004883.D

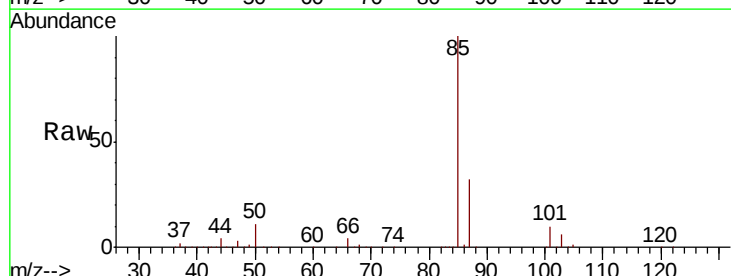
Acq: 01 Oct 2018 20:50

Tgt Ion: 85 Resp: 172741

Ion Ratio Lower Upper

85 100

87 31.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

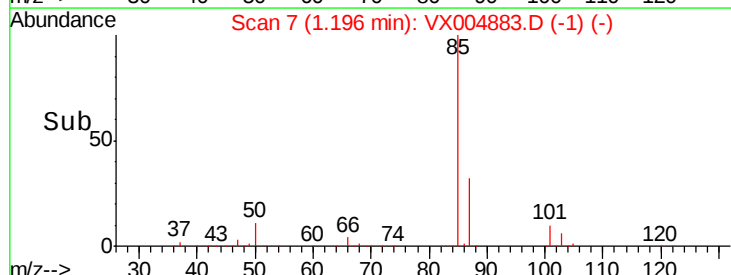
150000

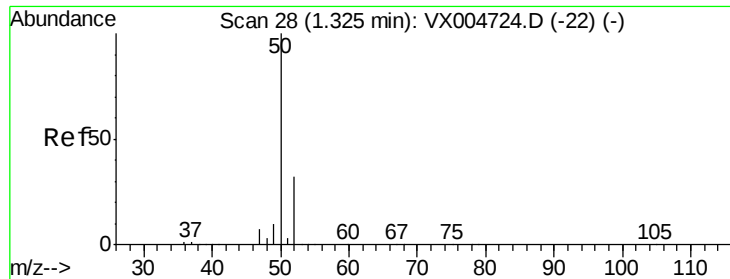
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.558 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 185669

Ion Ratio Lower Upper

50 100

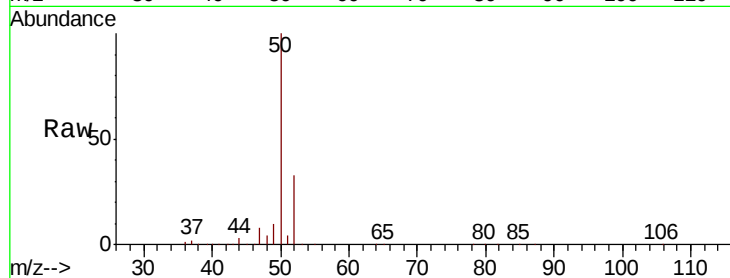
52 33.2 26.2 39.2

Manual Integrations

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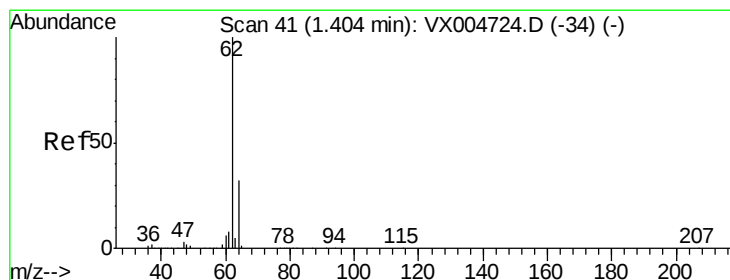
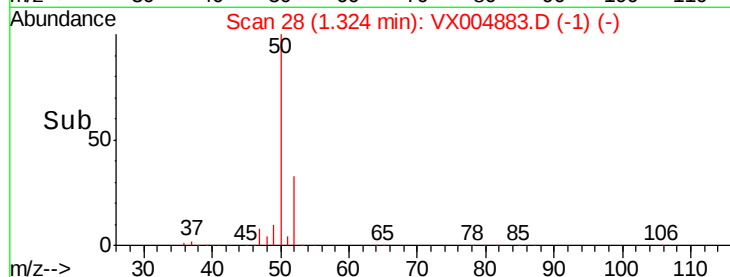
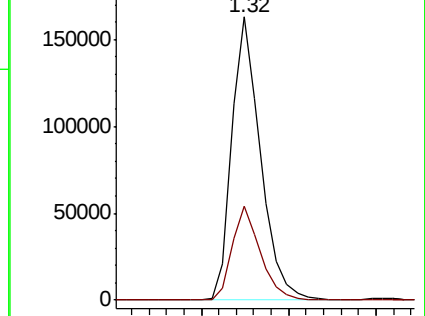
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.247 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004883.D

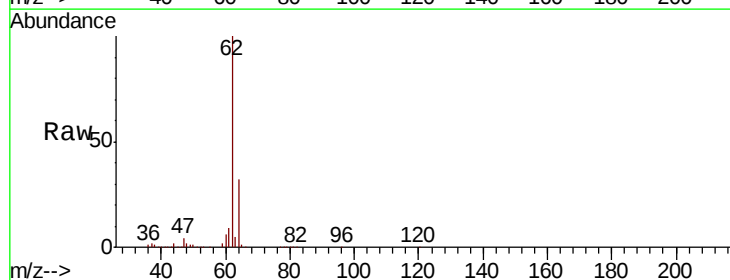
Acq: 01 Oct 2018 20:50

Tgt Ion: 62 Resp: 186847

Ion Ratio Lower Upper

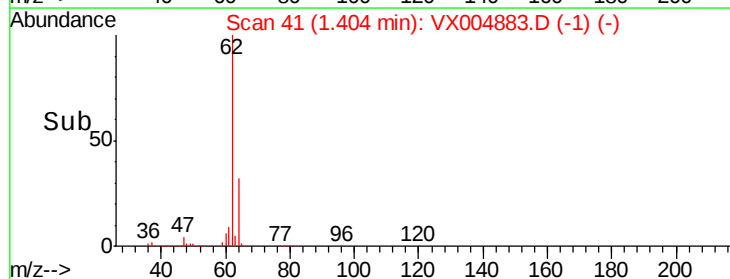
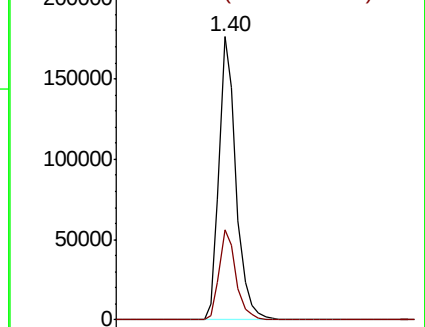
62 100

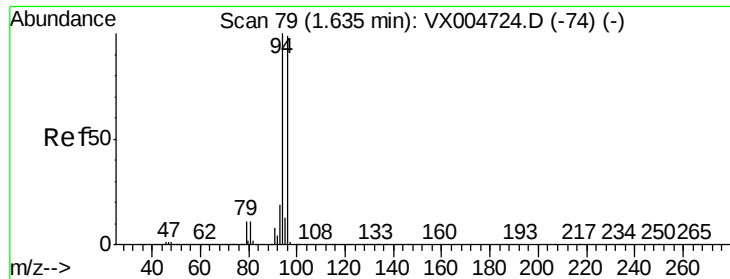
64 31.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 69.337 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 141620

Ion Ratio Lower Upper

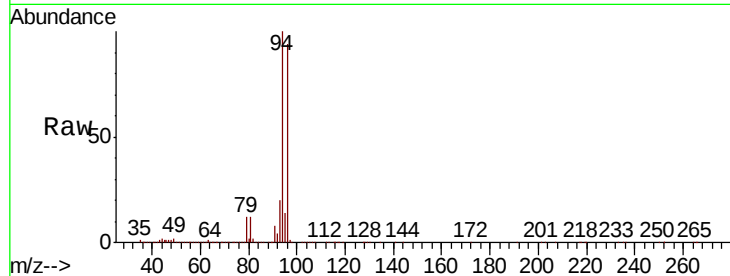
94 100

96 94.0 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150000

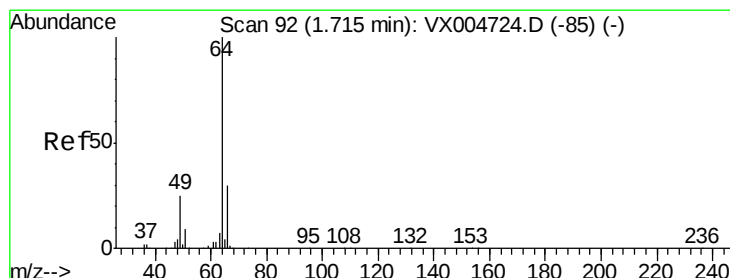
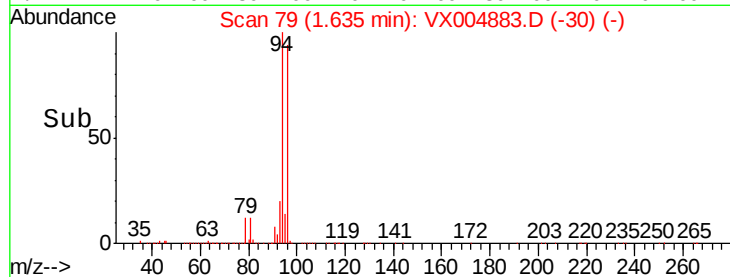
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50000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 58.412 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004883.D

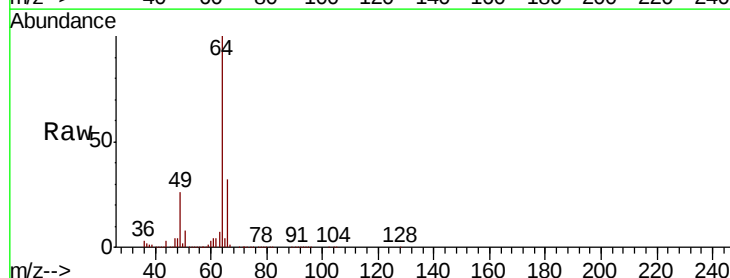
Acq: 01 Oct 2018 20:50

Tgt Ion: 64 Resp: 108911

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

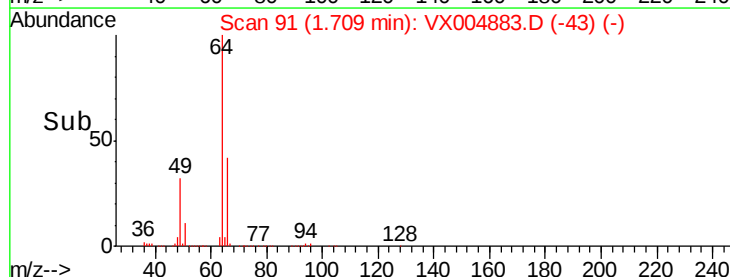
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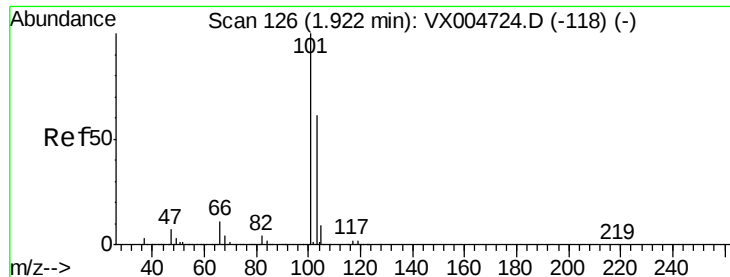
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0

1.60 1.70 1.80

Time-->





#7

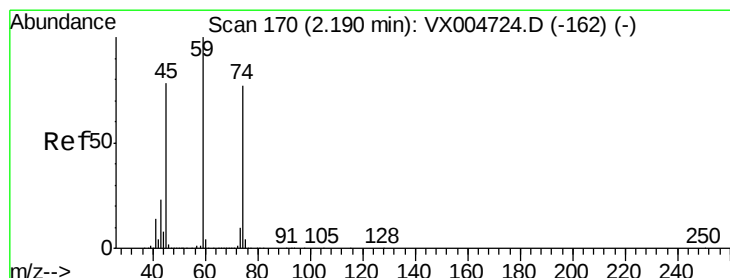
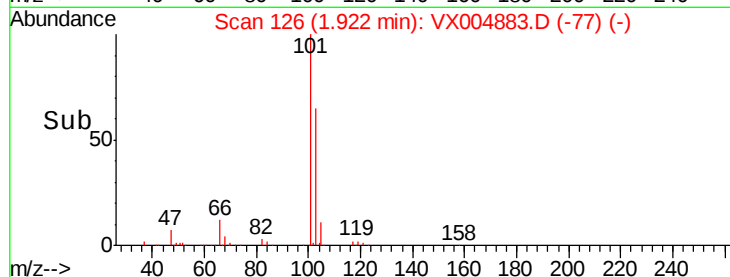
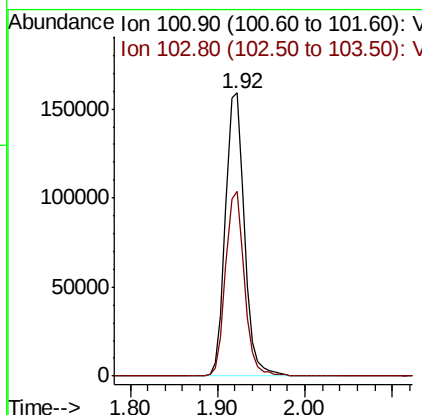
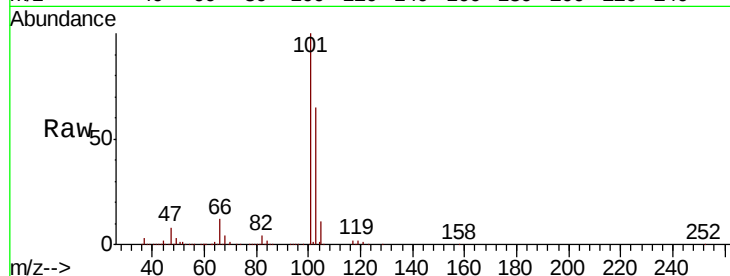
Trichlorofluoromethane
Concen: 55.977 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	48.9	73.3

Manual Integrations
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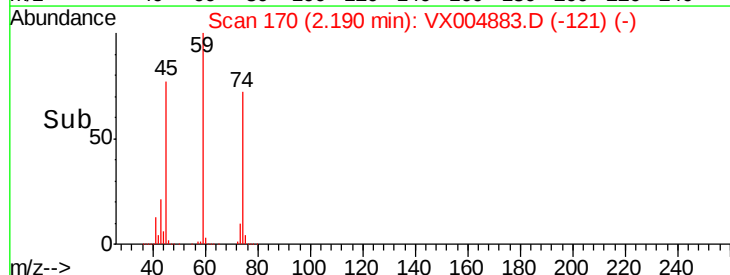
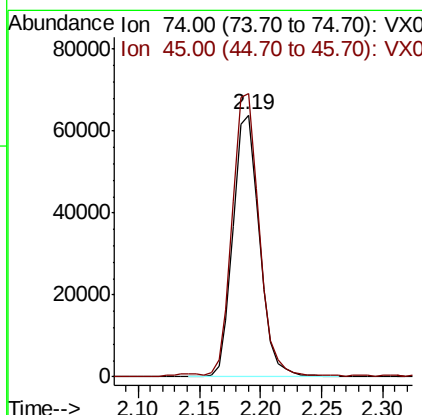
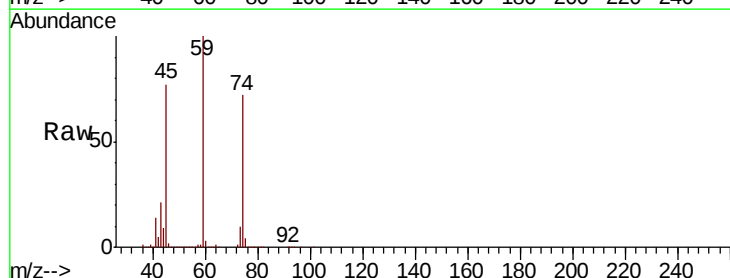
MMDadoda
10/4/2018 7:07:53 PM

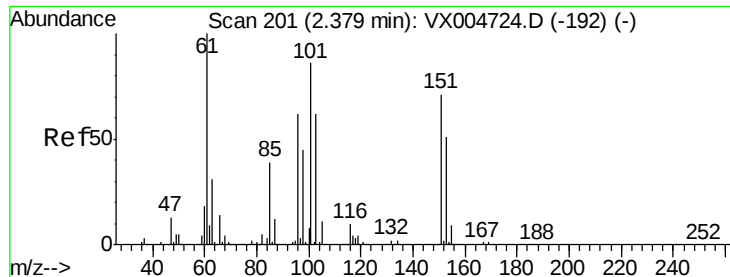


#8

Diethyl Ether
Concen: 51.430 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.9	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.920 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

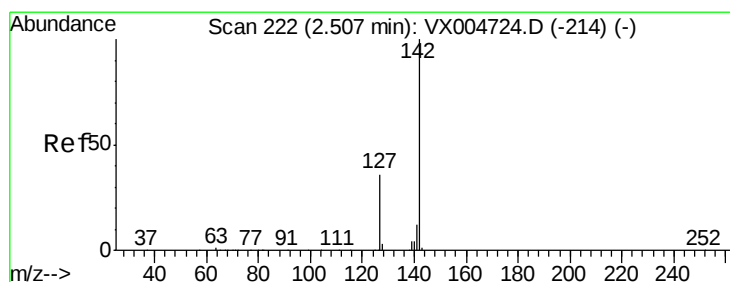
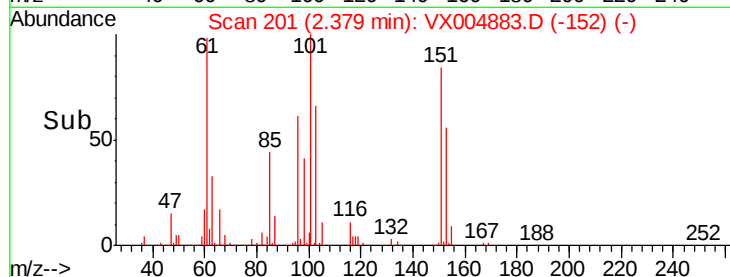
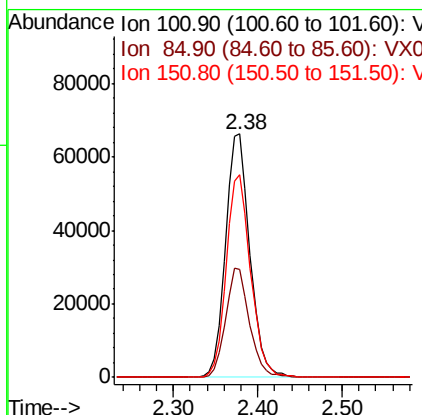
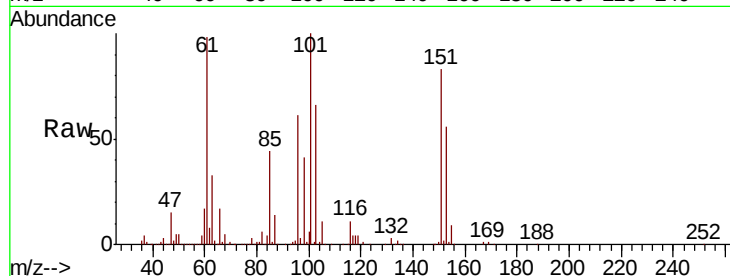
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	130969
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.2	51.4
151	83.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 41.627 ug/l

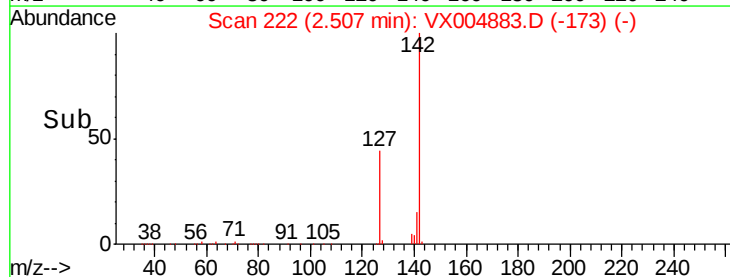
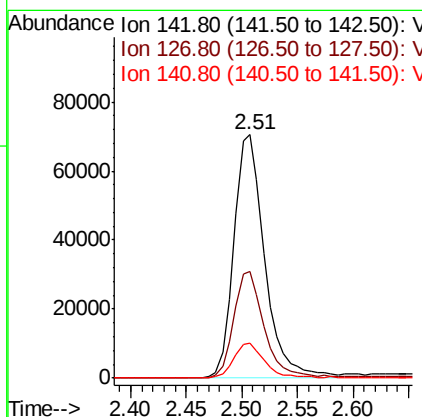
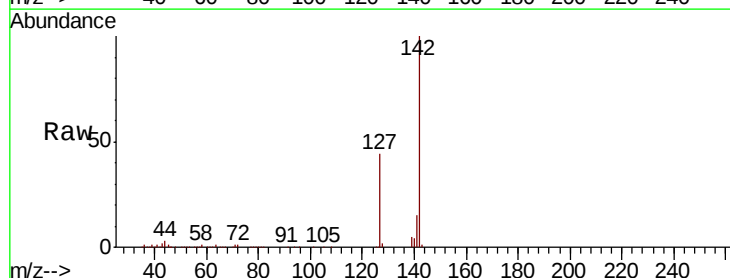
RT: 2.51 min Scan# 222

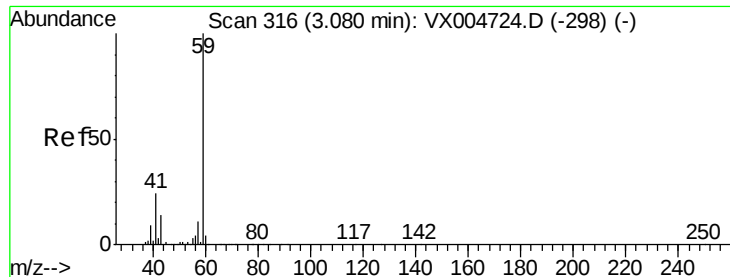
Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Tgt Ion:	142	Resp:	135300
Ion Ratio	Lower	Upper	
142	100		
127	43.5	33.8	50.6
141	14.4	11.4	17.0





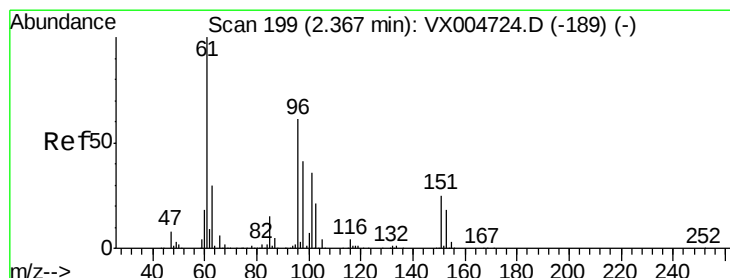
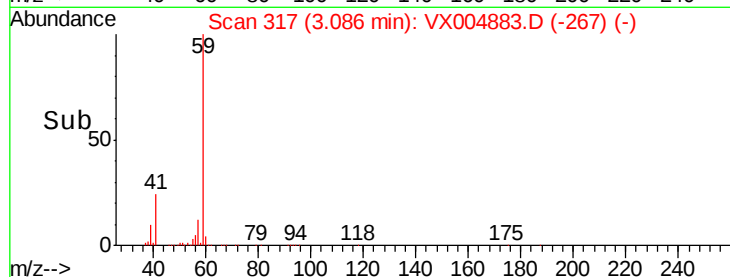
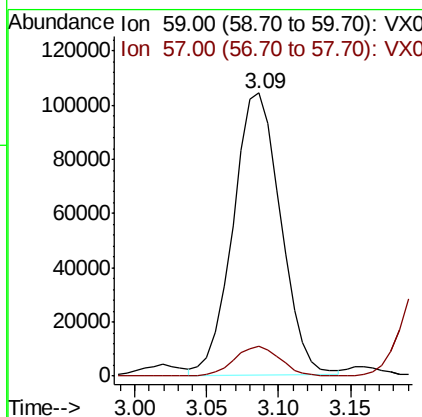
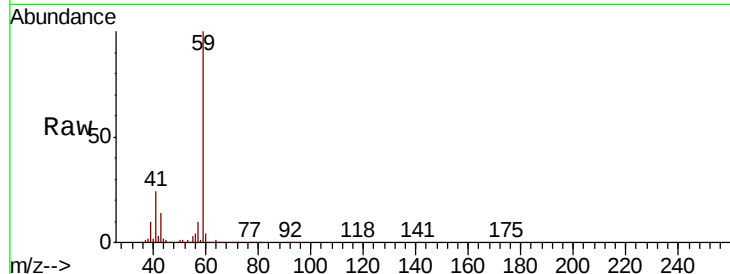
#11
Tert butyl alcohol
Concen: 269.954 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

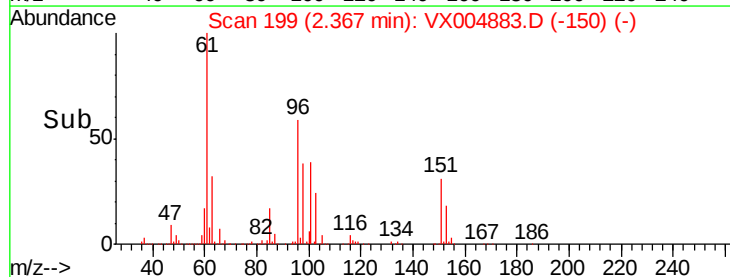
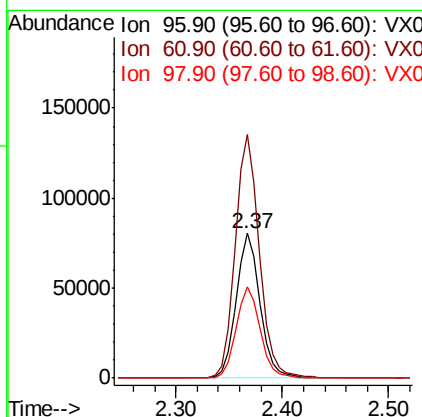
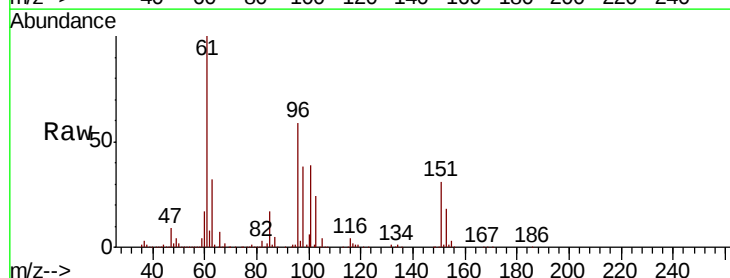
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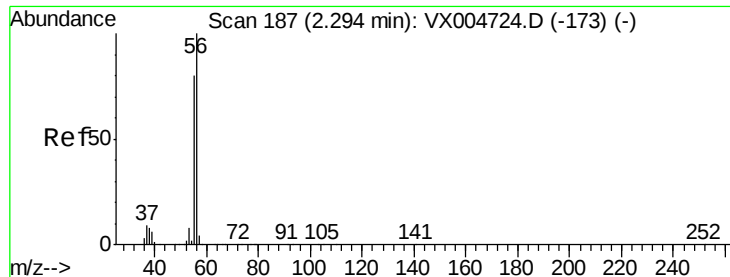
MMDadoda
10/4/2018 7:07:53 PM



#12
1,1-Dichloroethene
Concen: 52.417 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	128.8	193.2
98	63.3	52.2	78.2





#13

Acrolein

Concen: 201.510 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 127134

Ion Ratio Lower Upper

56 100

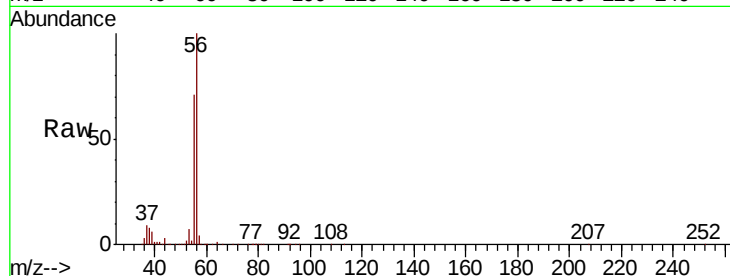
55 71.4 54.7 82.1

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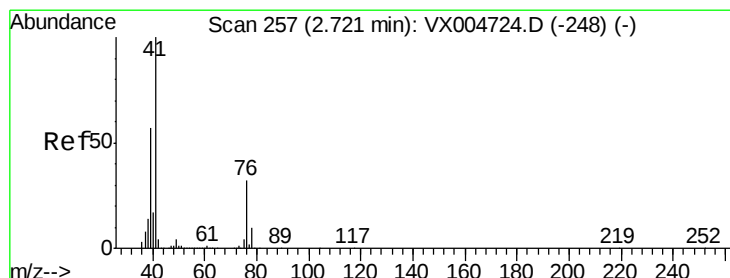
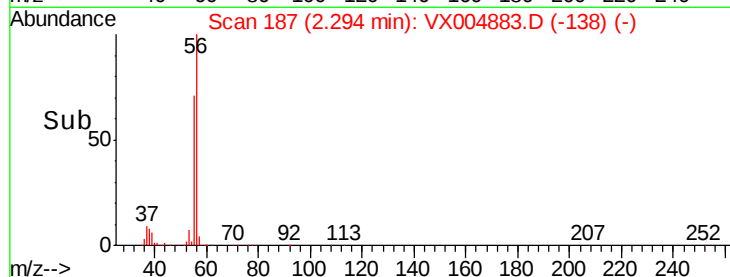
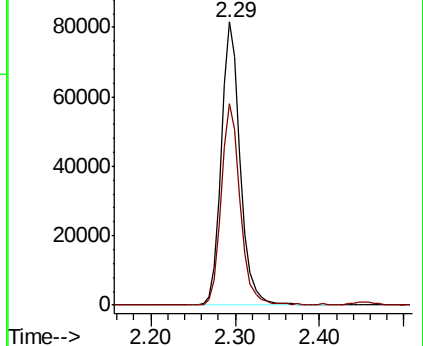
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.346 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

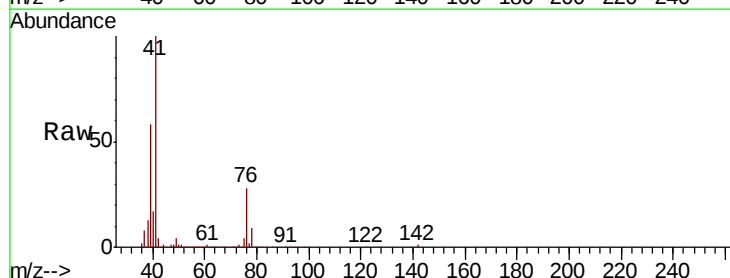
Tgt Ion: 41 Resp: 285237

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

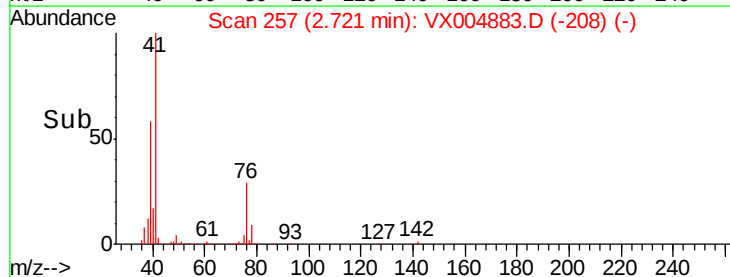
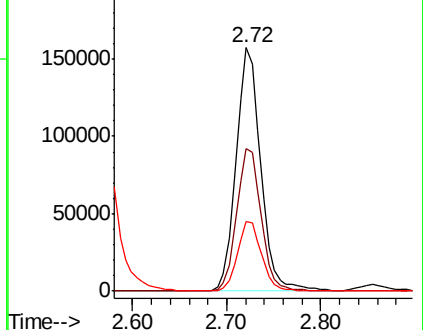
76 28.0 26.7 40.1

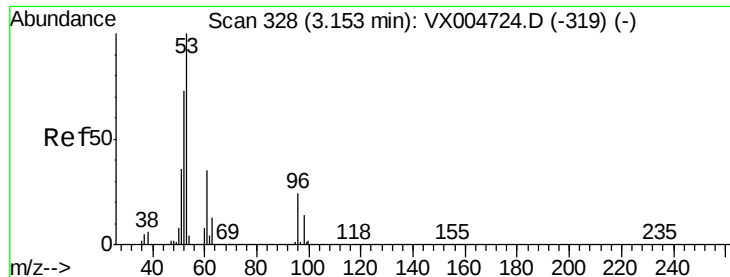


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 273.668 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

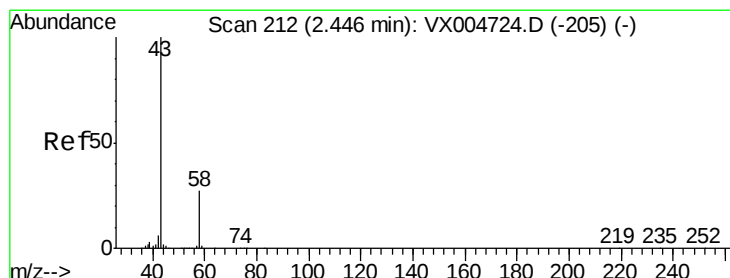
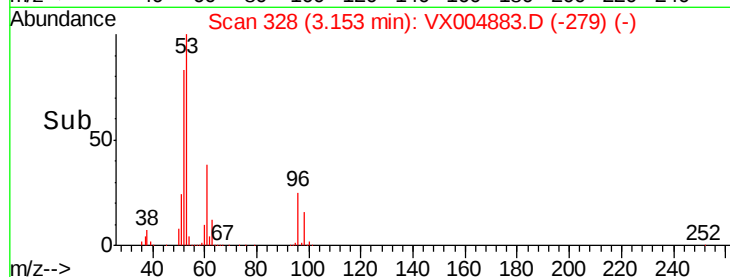
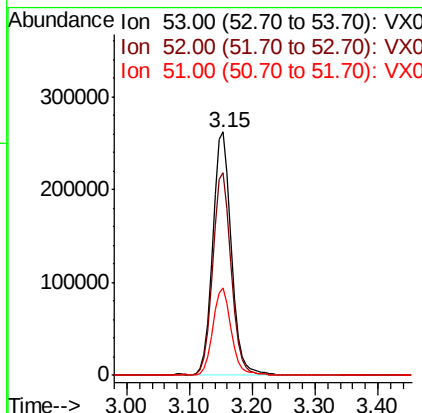
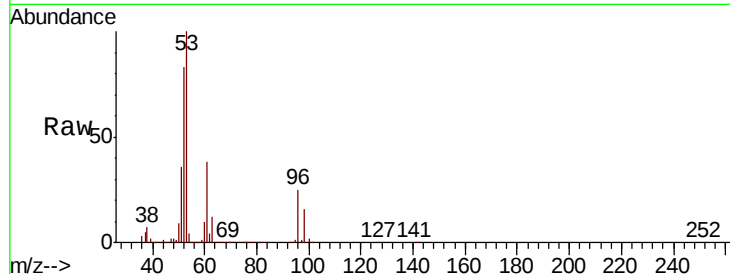
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	534210
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	35.7	28.2	42.2

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#16

Acetone

Concen: 254.079 ug/l

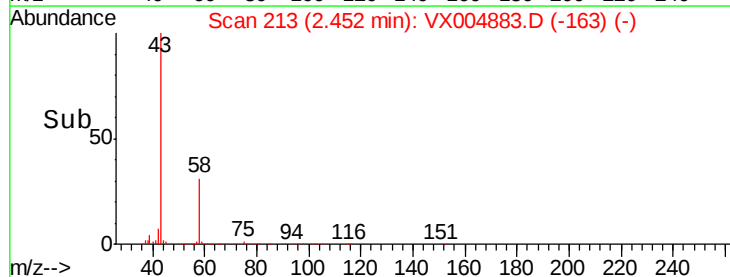
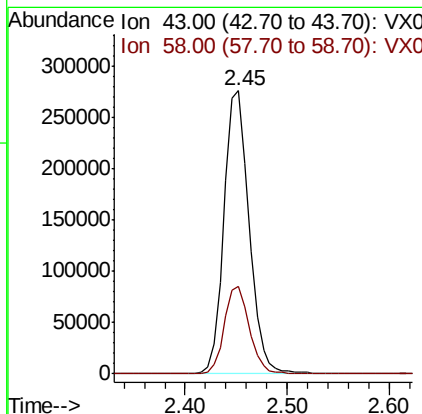
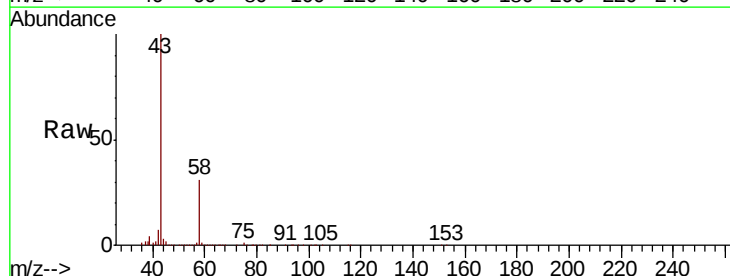
RT: 2.45 min Scan# 213

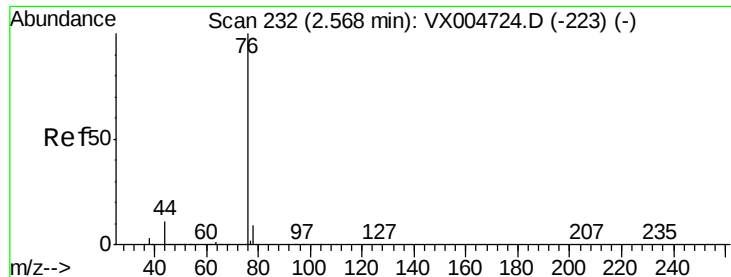
Delta R.T. 0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Tgt Ion:	43	Resp:	470424
Ion	Ratio	Lower	Upper
43	100		
58	31.0	26.2	39.4





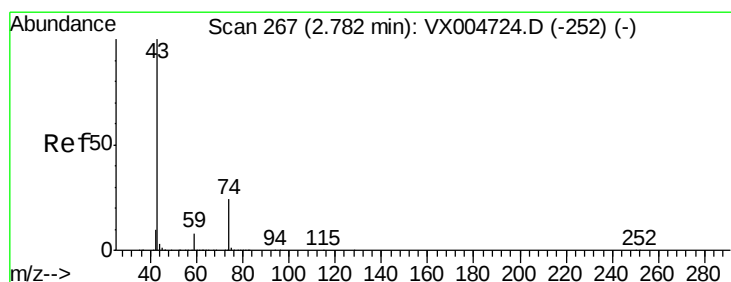
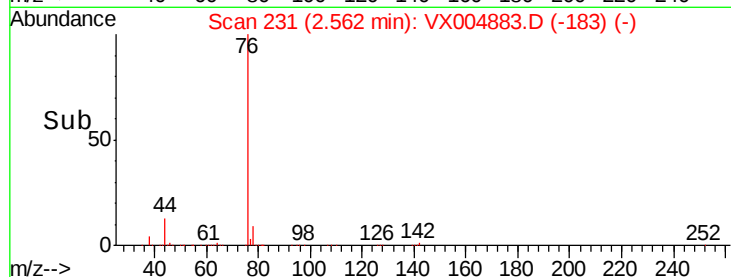
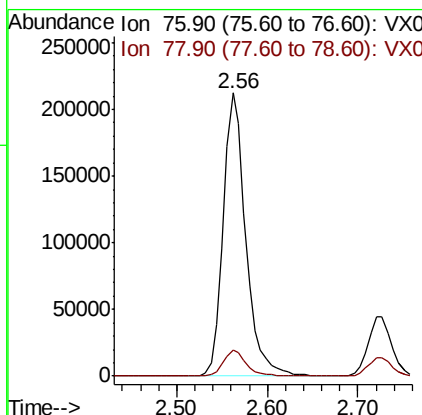
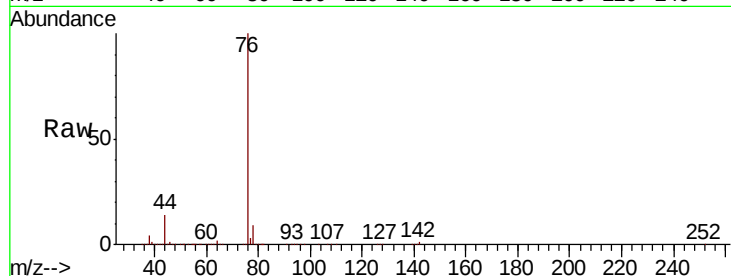
#17
Carbon Disulfide
Concen: 50.770 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

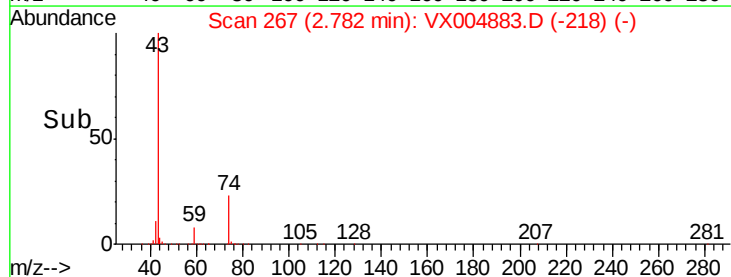
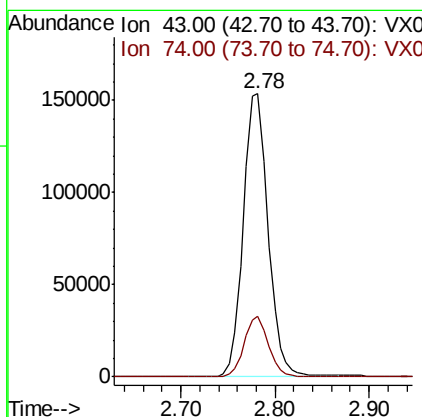
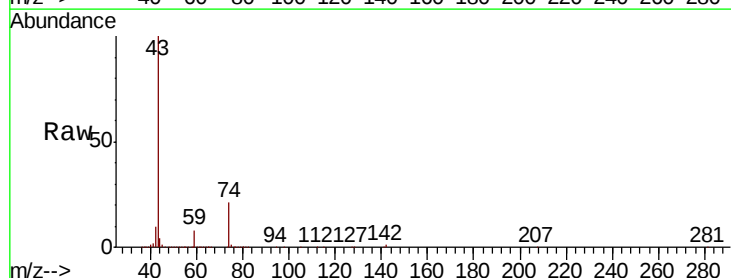
Manual Integrations
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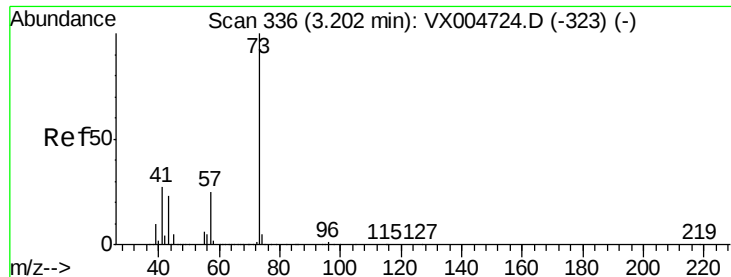
MMDadoda
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#18
Methyl Acetate
Concen: 59.863 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	19.4	29.2





#19

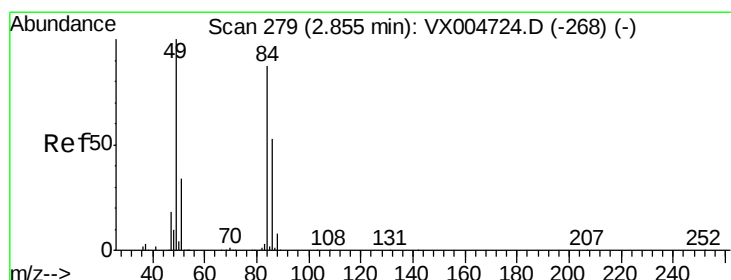
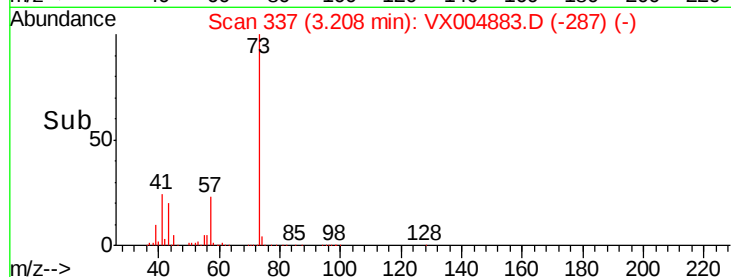
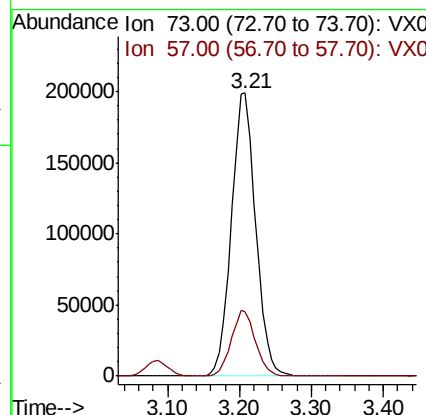
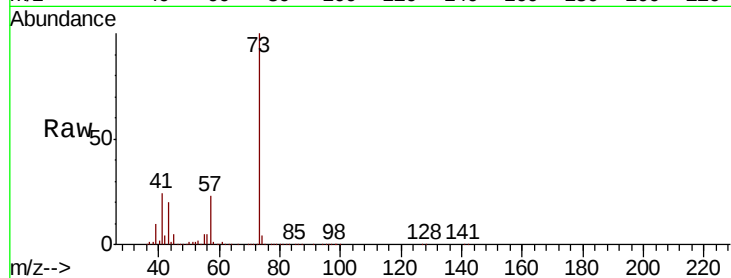
Methyl tert-butyl Ether
 Concen: 56.257 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.1	25.7

Manual Integrations
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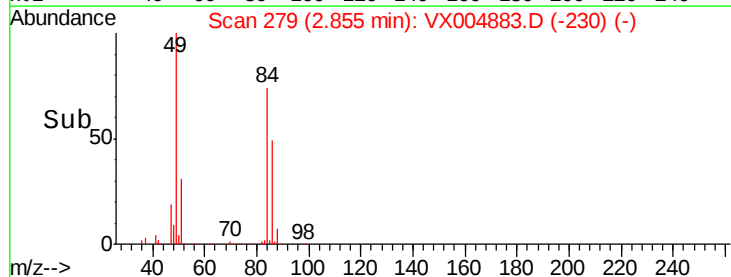
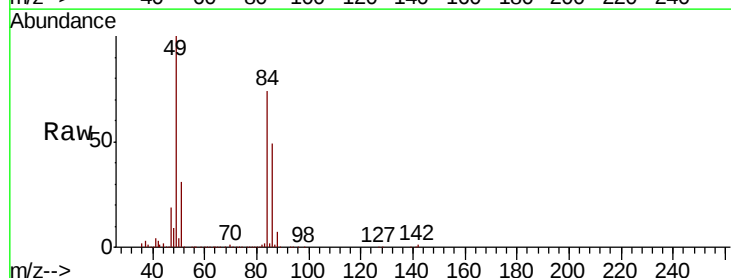
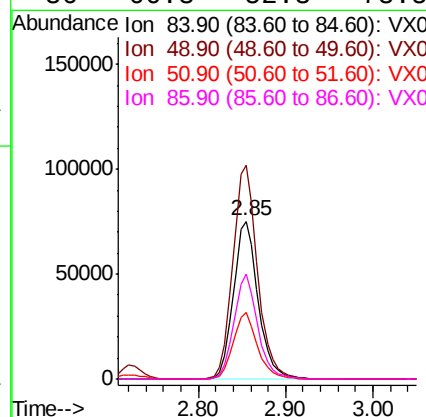
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 10/4/2018 7:07:53 PM

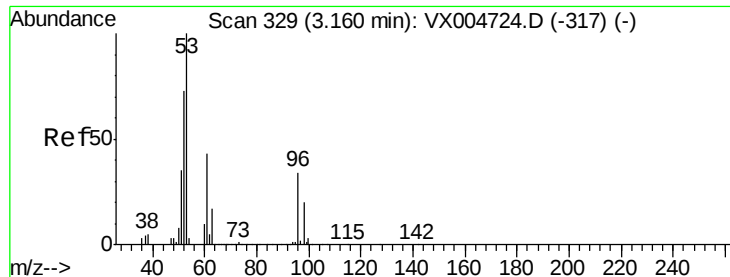


#20

Methylene Chloride
 Concen: 54.775 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.3	101.2	151.8
51	42.1	29.5	44.3
86	66.3	52.3	78.5





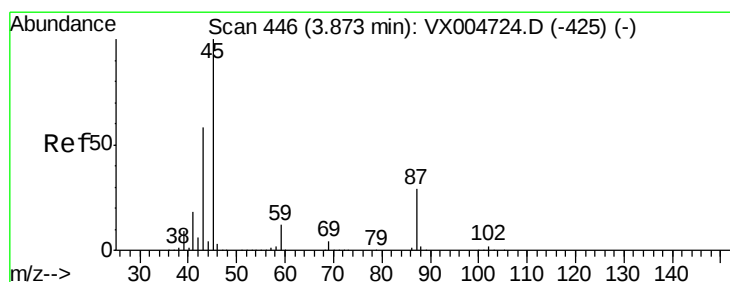
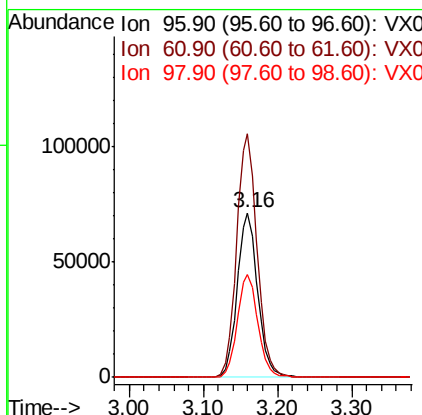
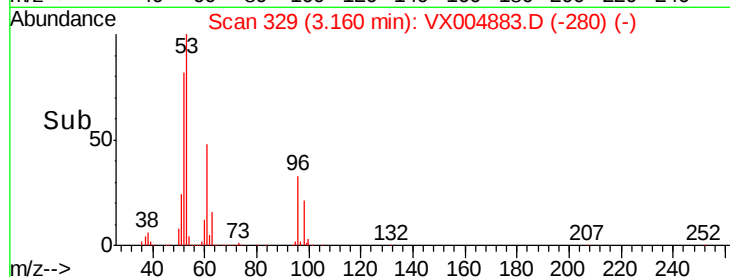
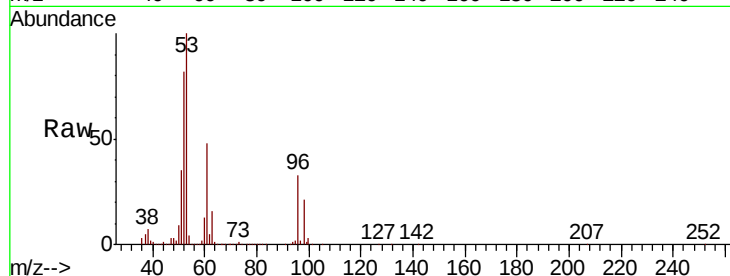
#21
trans-1,2-Dichloroethene
Concen: 52.354 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.9	113.8	170.6
98	62.9	51.8	77.8

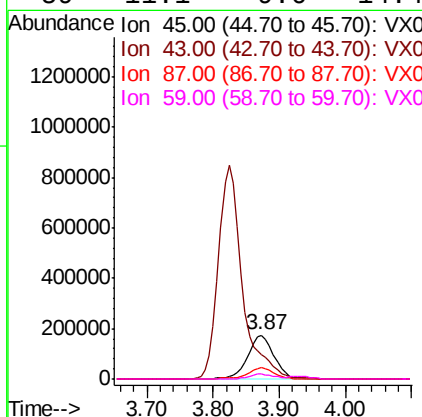
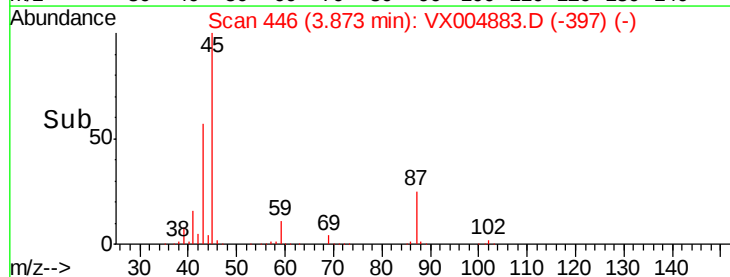
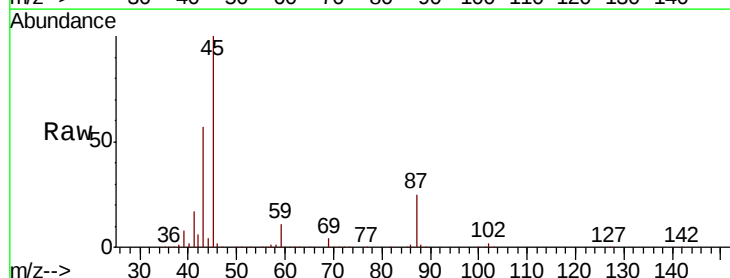
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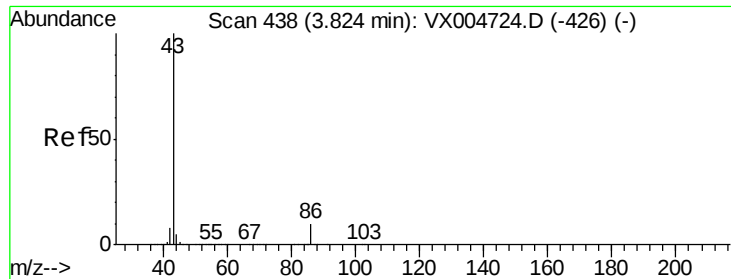
MMDadoda
10/4/2018 7:07:53 PM



#22
Diisopropyl ether
Concen: 54.589 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	42.8	64.2
87	25.4	22.6	34.0
59	11.1	9.6	14.4





#23

Vinyl Acetate

Concen: 265.430 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2147346

Ion Ratio Lower Upper

43 100

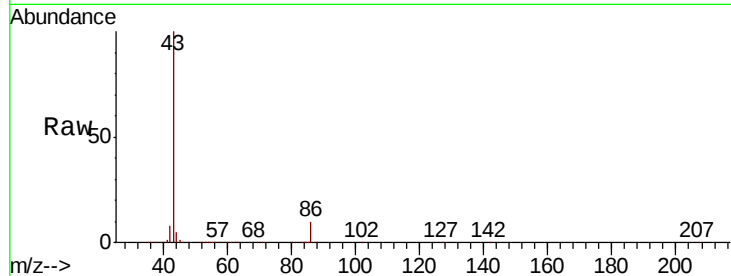
86 9.5 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

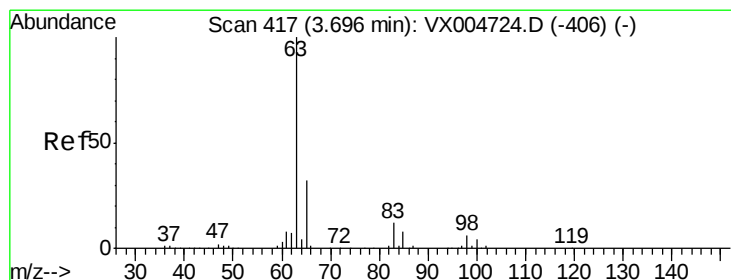
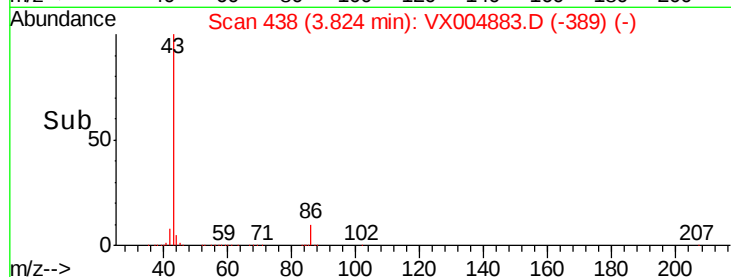
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.497 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

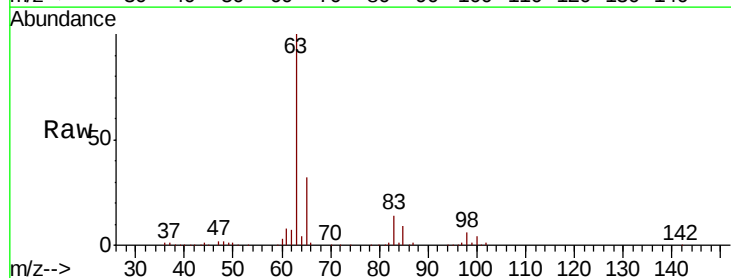
Tgt Ion: 63 Resp: 260953

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 3.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

100000

50000

0

3.50

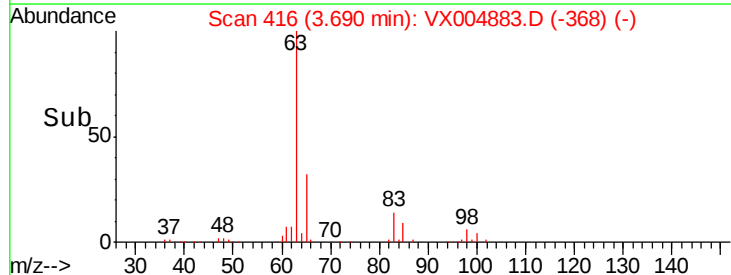
3.60

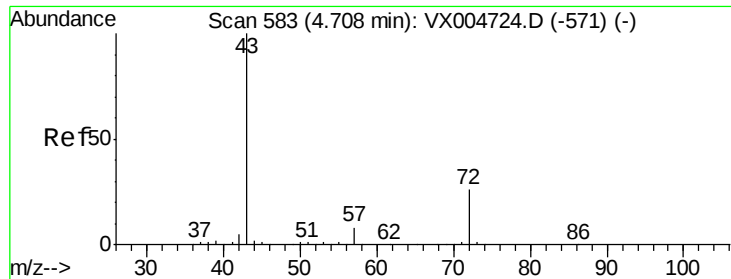
3.70

3.80

3.90

Time-->





#25

2-Butanone

Concen: 262.683 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 716900

Ion Ratio Lower Upper

43 100

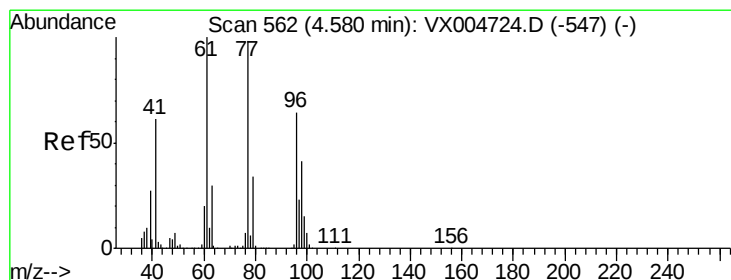
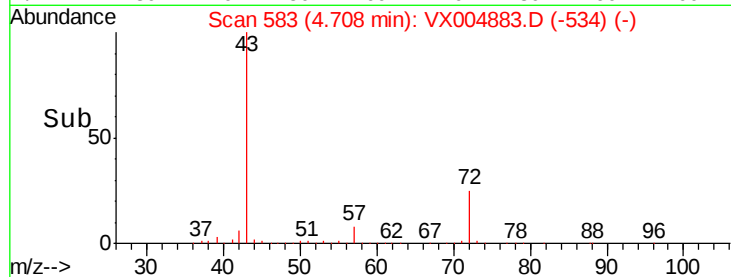
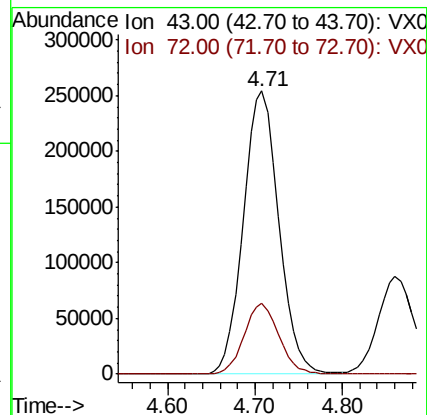
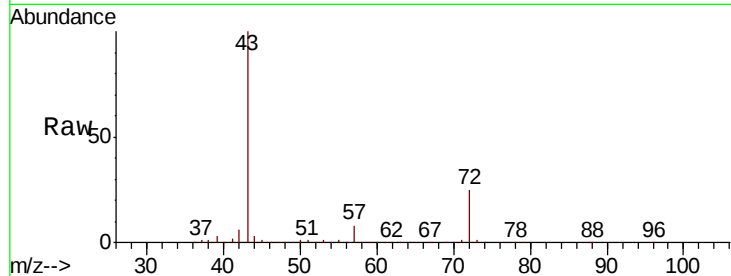
72 24.8 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.514 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004883.D

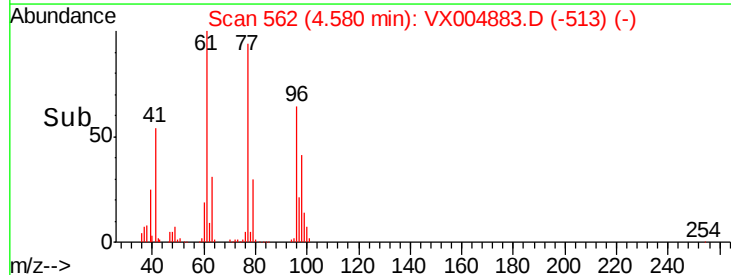
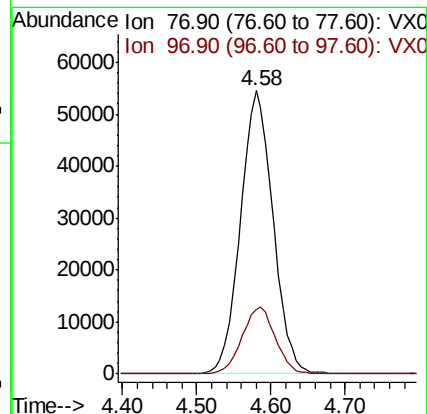
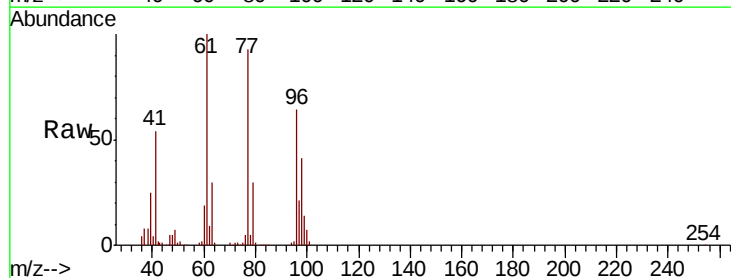
Acq: 01 Oct 2018 20:50

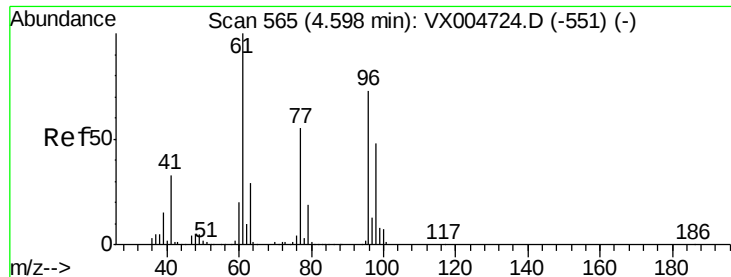
Tgt Ion: 77 Resp: 167094

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.0





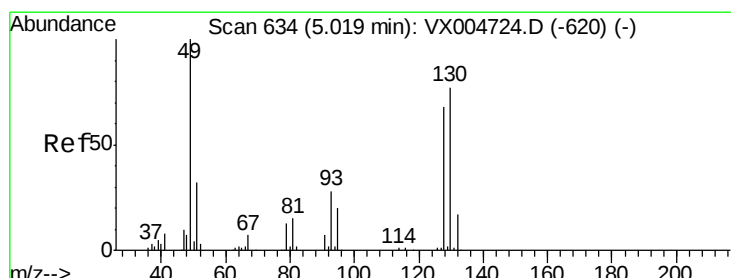
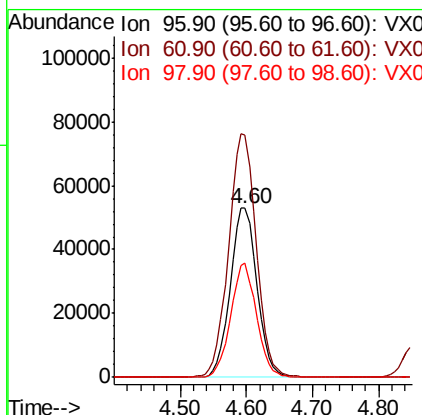
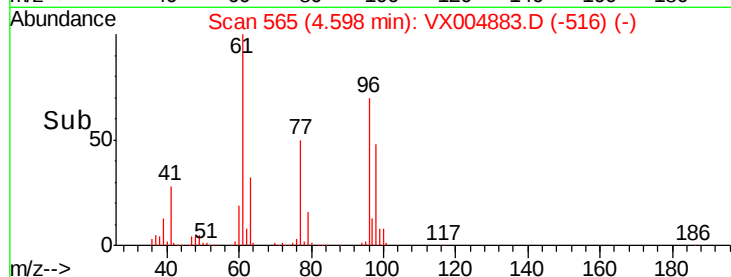
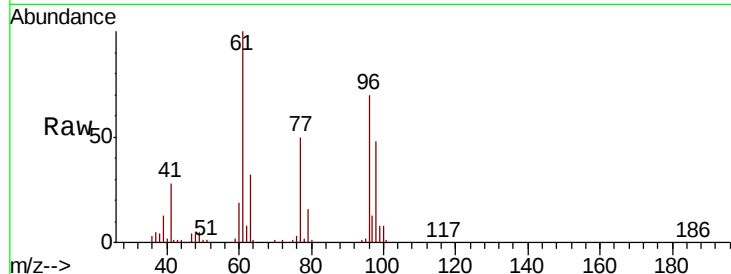
#27
 cis-1,2-Dichloroethene
 Concen: 50.533 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	148651		
61	148.3		0.0	282.6
98	64.8		0.0	130.2

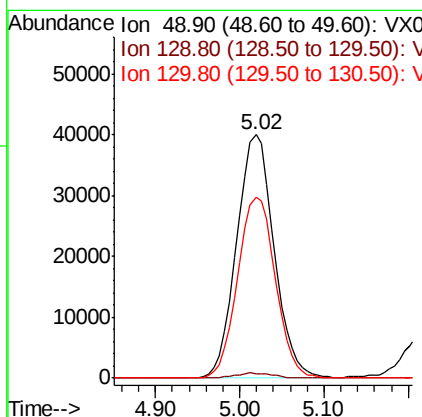
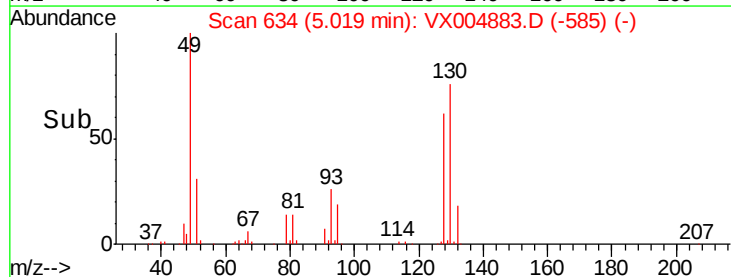
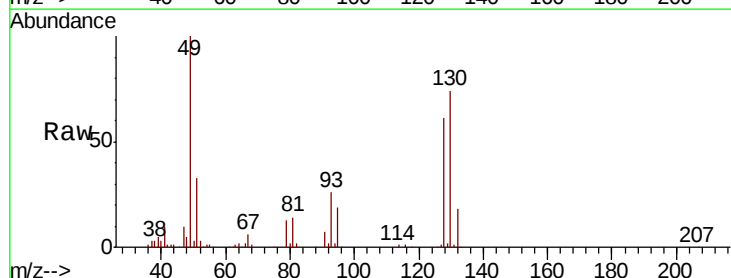
Manual Integrations
 APPROVED

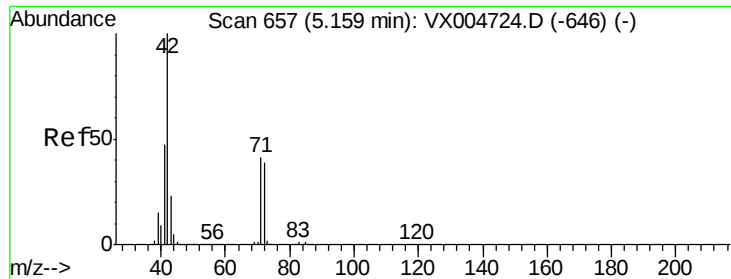
MMDadoda
 10/4/2018 7:07:53 PM



#28
 Bromochloromethane
 Concen: 48.623 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	120716		
129	2.1		0.0	4.2
130	75.0		67.5	101.3





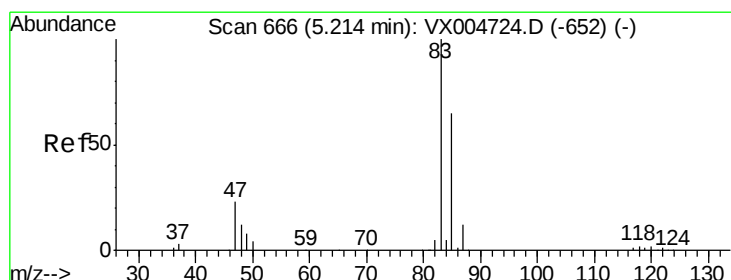
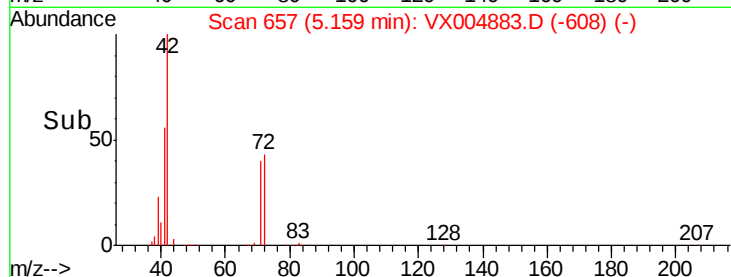
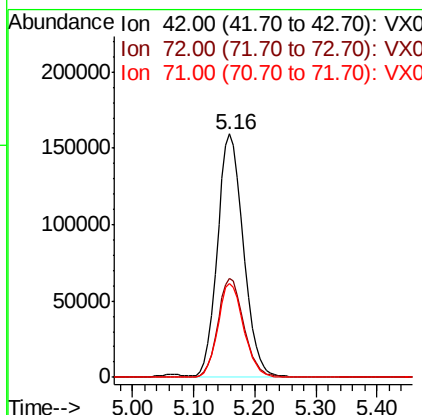
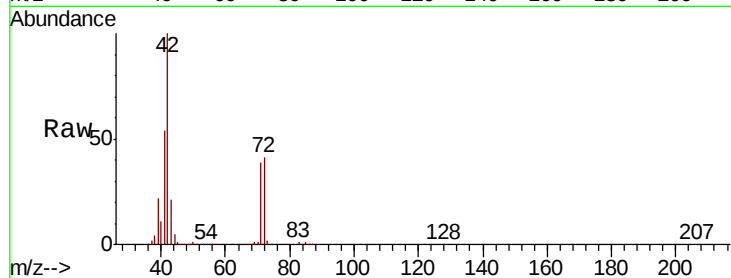
#29
Tetrahydrofuran
Concen: 277.561 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	37.4	56.0
71	38.2	34.5	51.7

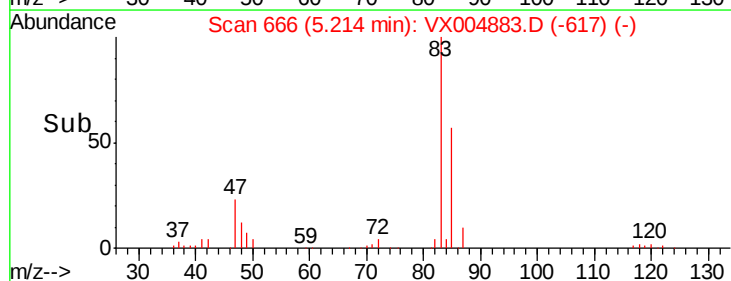
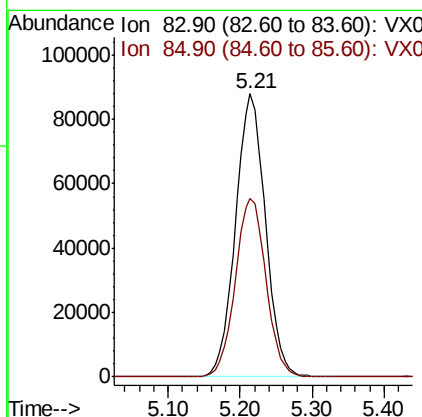
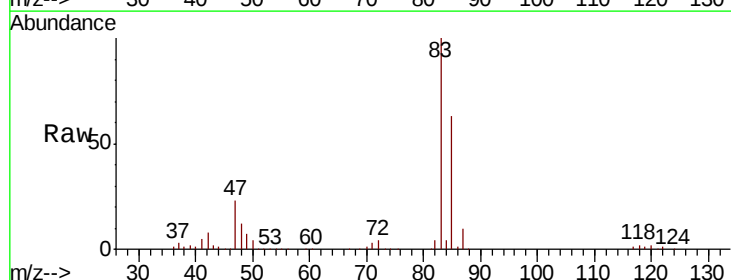
Manual Integrations
APPROVED

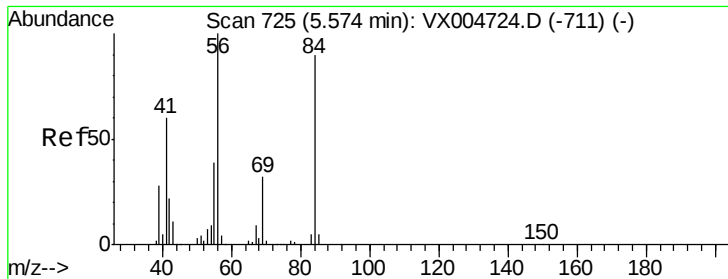
MMDadoda
10/4/2018 7:07:53 PM



#30
Chloroform
Concen: 50.859 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	79.0





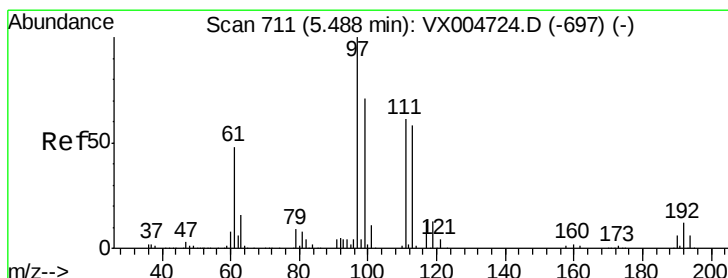
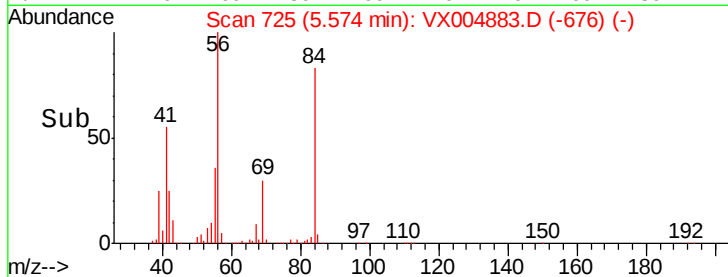
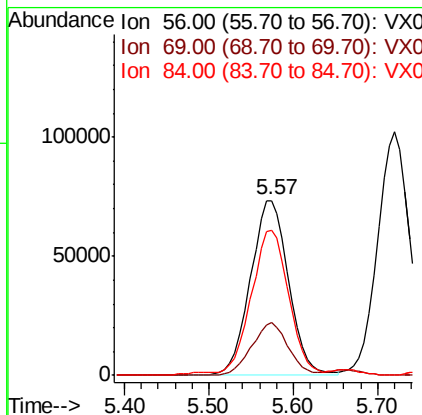
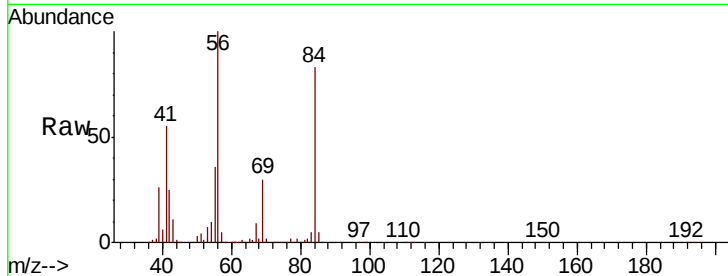
#31
Cyclohexane
Concen: 56.189 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.2
84	81.9	71.4	107.2

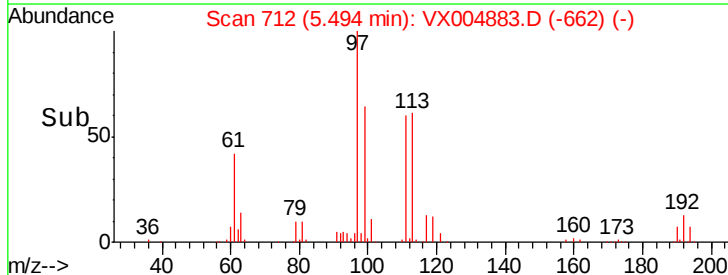
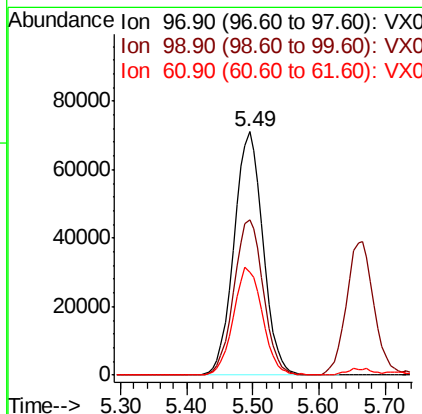
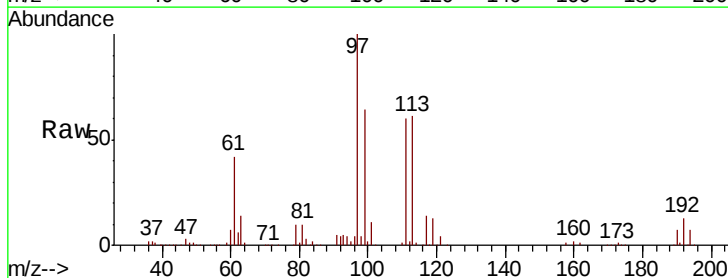
Manual Integrations
APPROVED

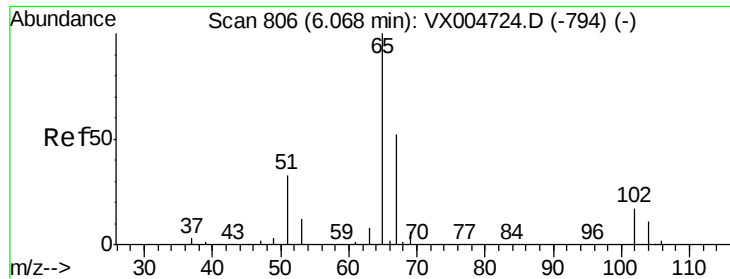
MMDadoda
10/4/2018 7:07:53 PM



#32
1,1,1-Trichloroethane
Concen: 53.120 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	44.5	34.9	52.3





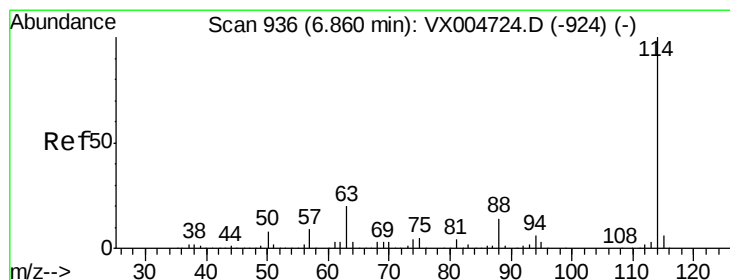
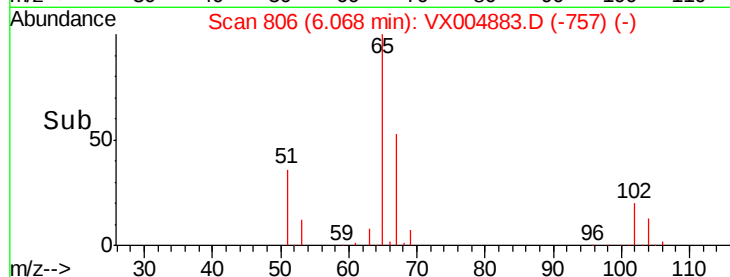
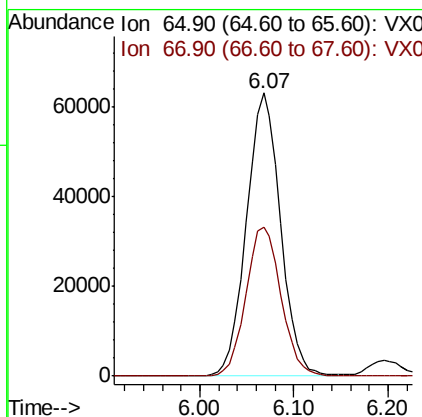
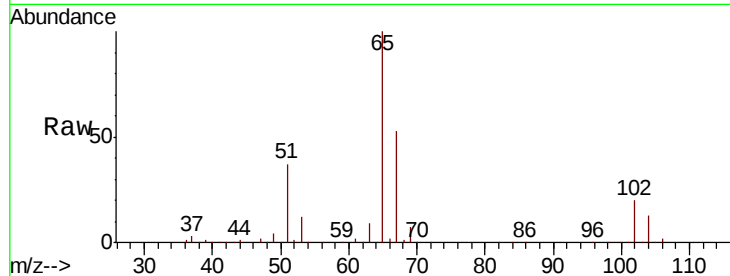
#33
 1,2-Dichloroethane-d4
 Concen: 50.328 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159607		
67	54.2	0.0	106.8	

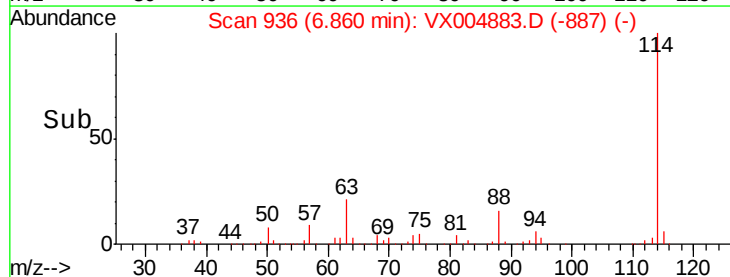
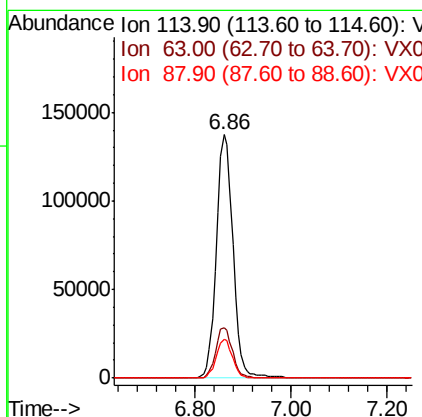
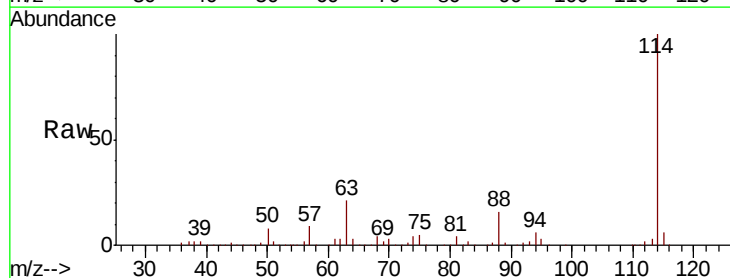
Manual Integrations
 APPROVED

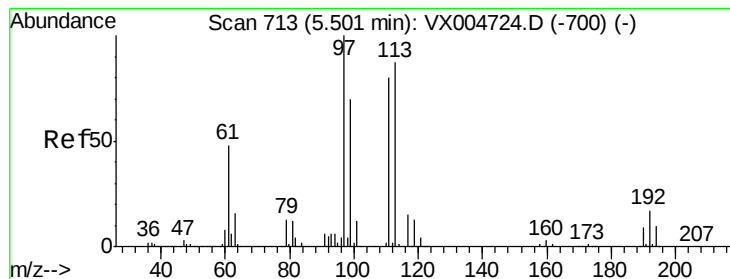
MMDadoda
 10/4/2018 7:07:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330774		
63	20.7	0.0	39.0	
88	16.0	0.0	30.4	





#35

Dibromofluoromethane

Concen: 46.319 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

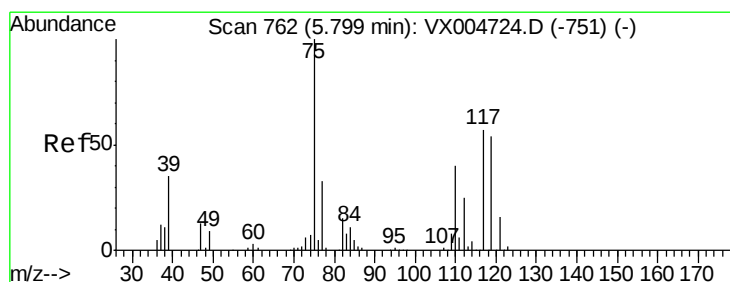
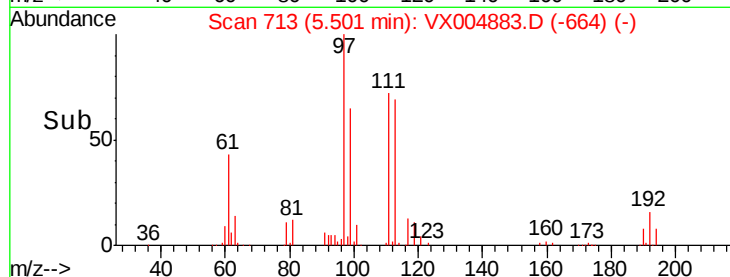
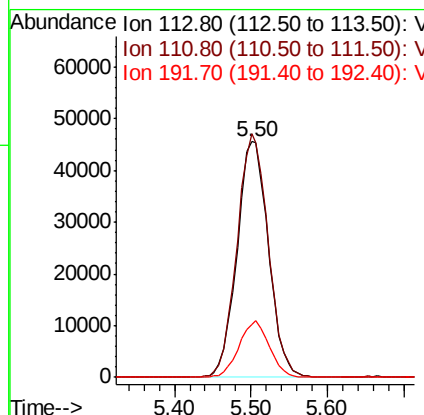
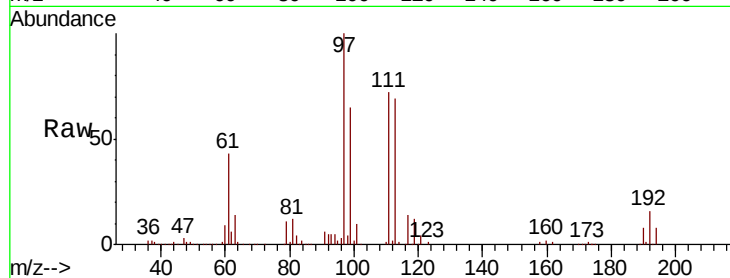
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	129849
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	23.1	19.4	29.2

Manual Integrations
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10/4/2018 7:07:53 PM



#36

1,1-Dichloropropene

Concen: 48.646 ug/l

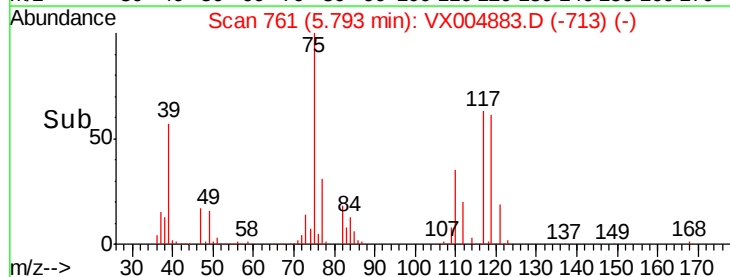
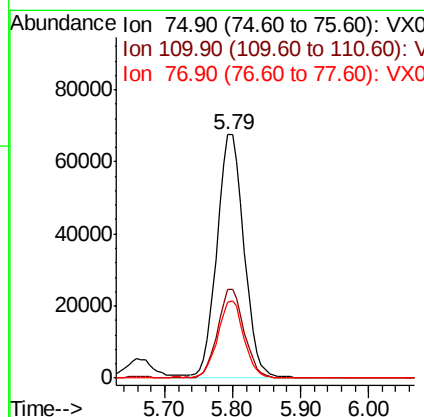
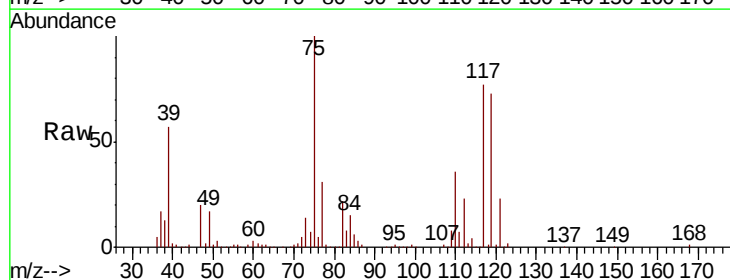
RT: 5.79 min Scan# 761

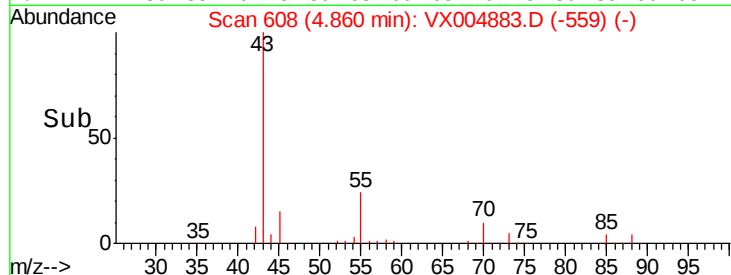
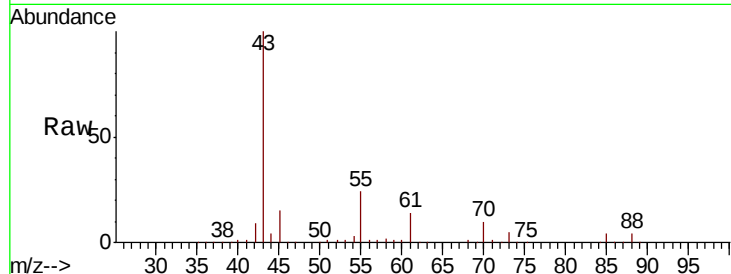
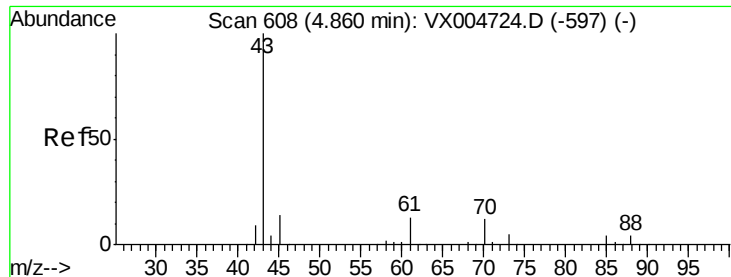
Delta R.T. -0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Tgt Ion:	75	Resp:	186060
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.0	54.0
77	31.1	24.6	36.8





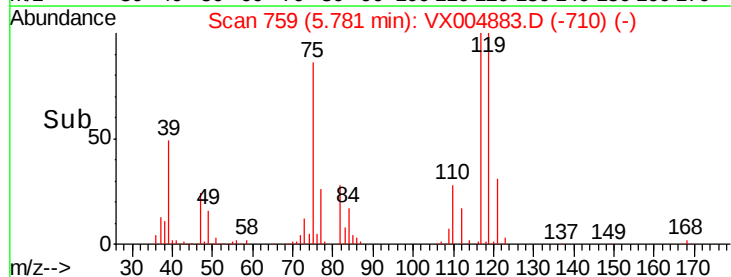
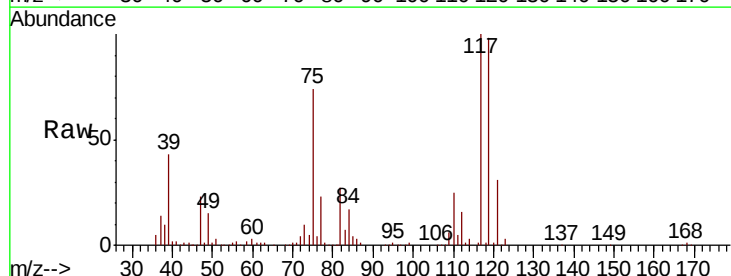
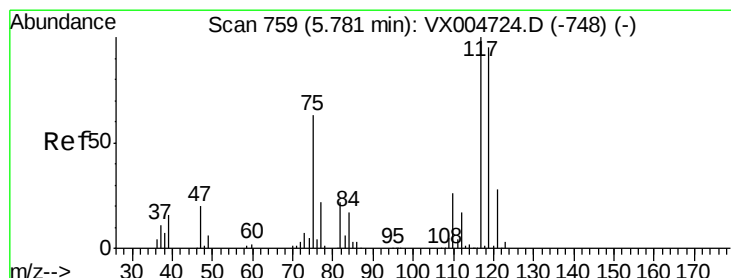
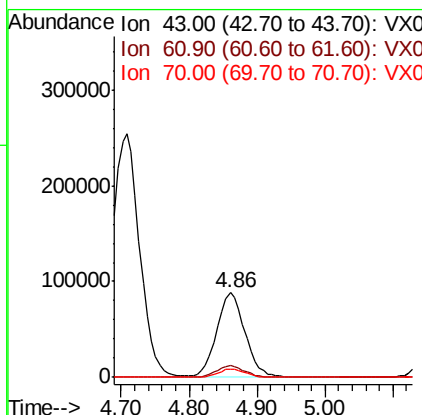
#37
Ethyl Acetate
Concen: 50.037 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	9.9	9.0	13.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

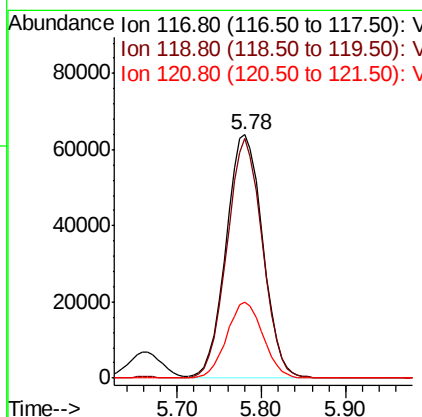
Manual Integrations
APPROVED

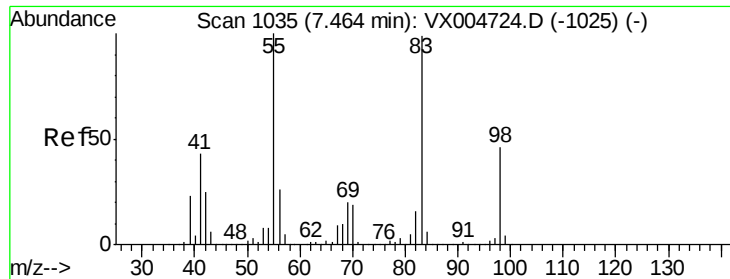
MMDadoda
10/4/2018 7:07:53 PM



#38
Carbon Tetrachloride
Concen: 46.890 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.8	118.2
121	31.1	24.9	37.3





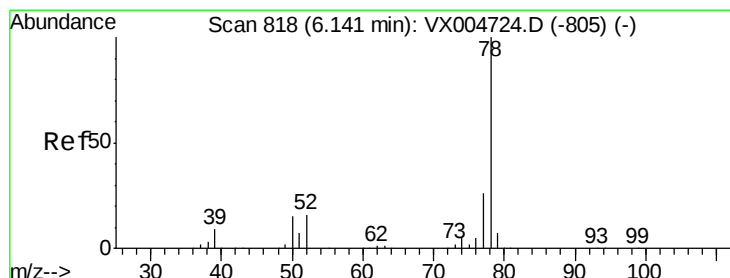
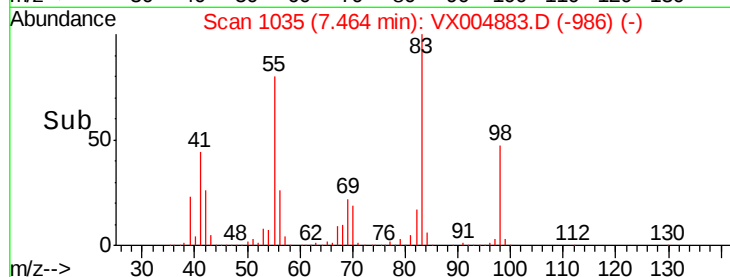
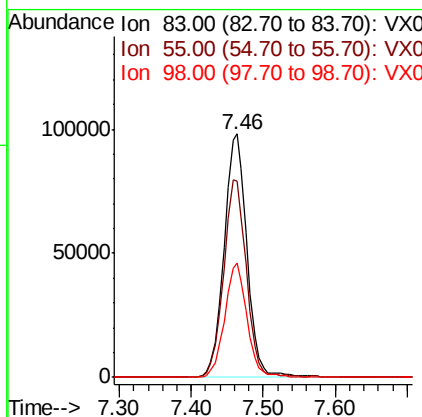
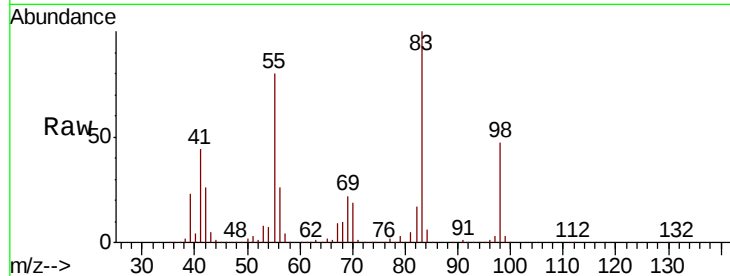
#39
Methvlcvclohexane
Concen: 55.461 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.4	61.0	91.4
98	47.2	39.6	59.4

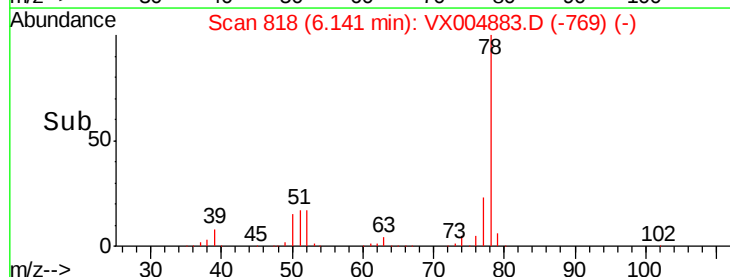
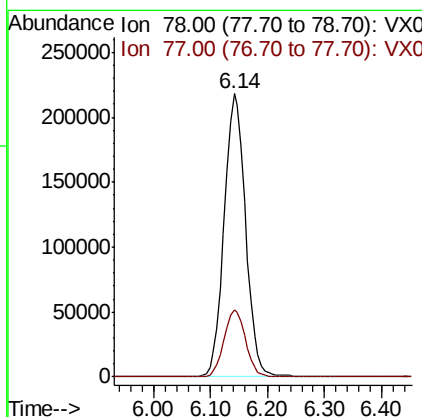
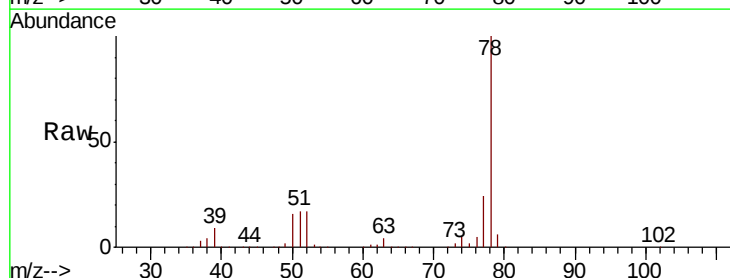
Manual Integrations
APPROVED

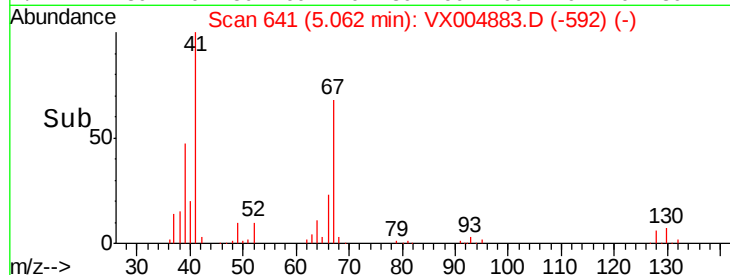
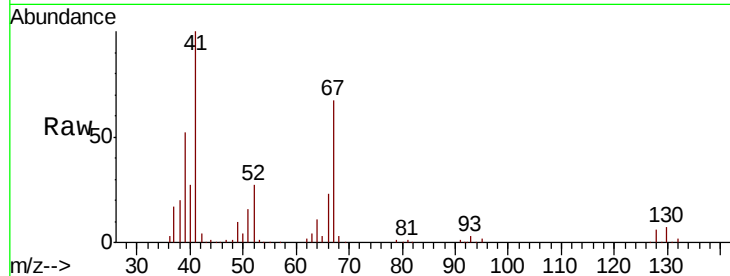
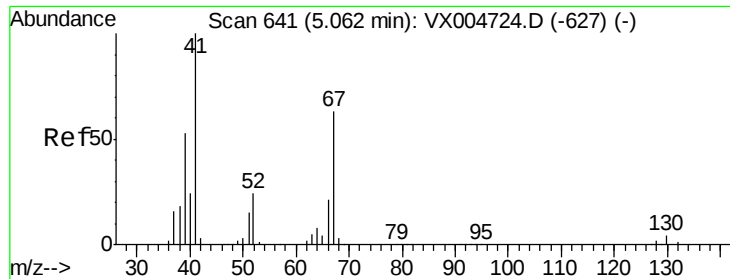
MMDadoda
10/4/2018 7:07:53 PM



#40
Benzene
Concen: 47.863 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





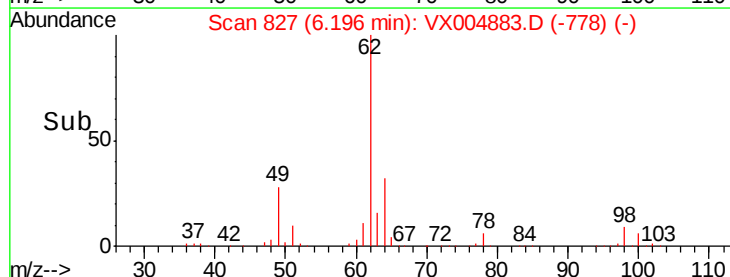
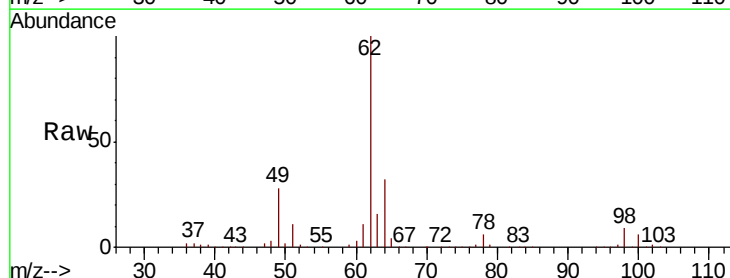
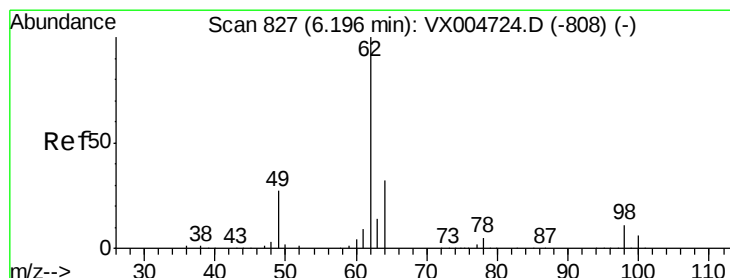
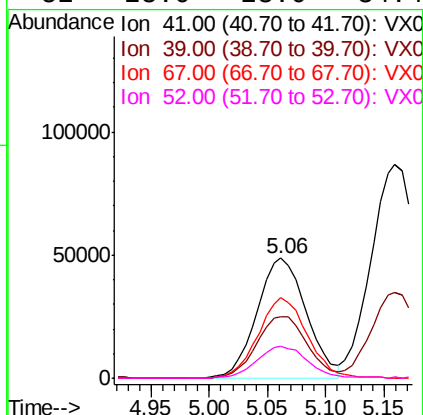
#41
Methacrylonitrile
Concen: 50.744 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		142876		
39	52.7	42.4	63.6		
67	67.2	59.2	88.8		
52	28.0	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

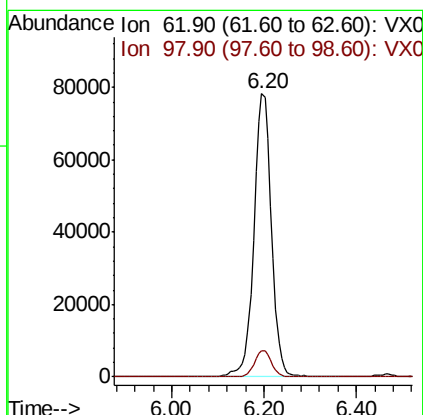
Manual Integrations
APPROVED

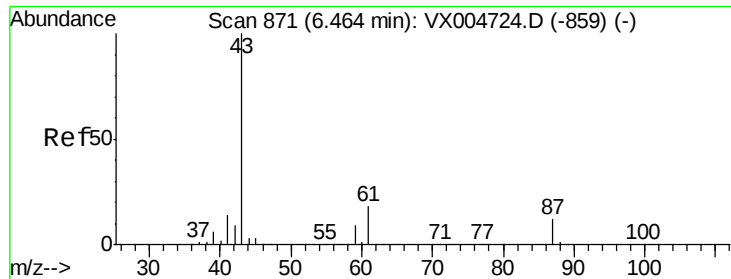
MMDadoda
10/4/2018 7:07:53 PM



#42
1,2-Dichloroethane
Concen: 48.598 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		205716		
98	9.0	0.0	20.6		





#43

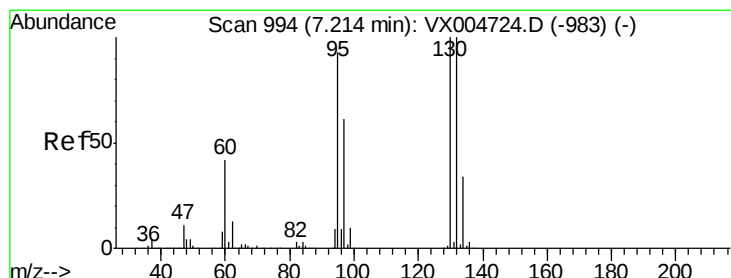
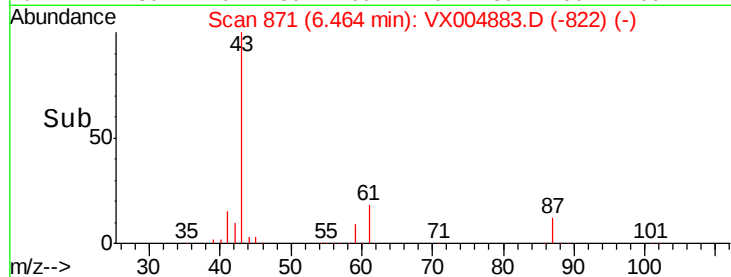
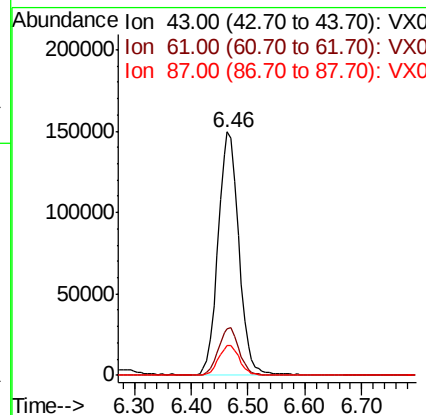
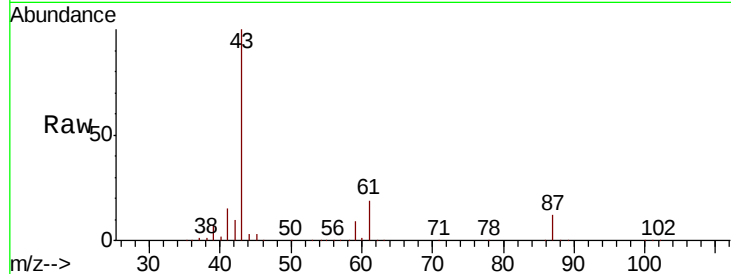
Isopropyl Acetate
 Concen: 51.591 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	61	87
Resp	378059		
Ratio	100	19.5	12.5
Lower		17.0	11.4
Upper		25.4	17.2

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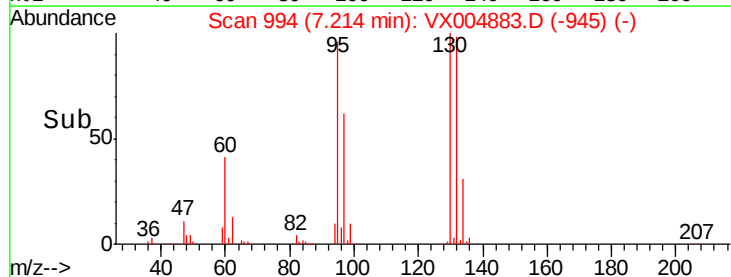
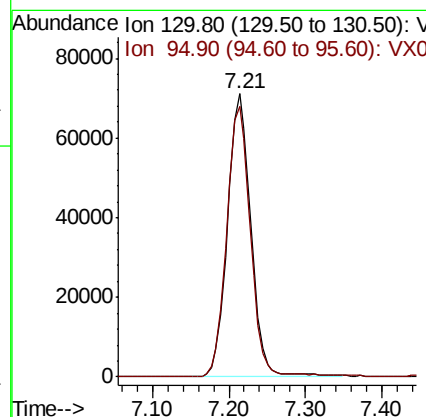
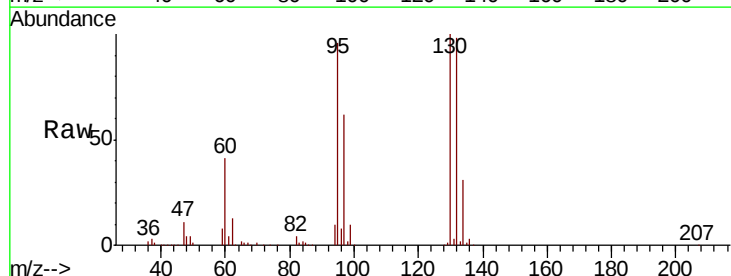
MMDadoda
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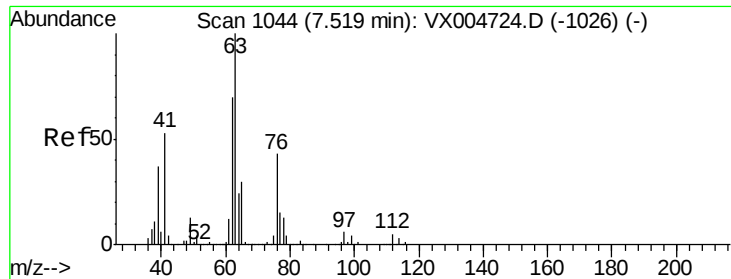


#44

Trichloroethene
 Concen: 51.251 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	130	95
Resp	150865	
Ratio	100	95.8
Lower		0.0
Upper		181.6





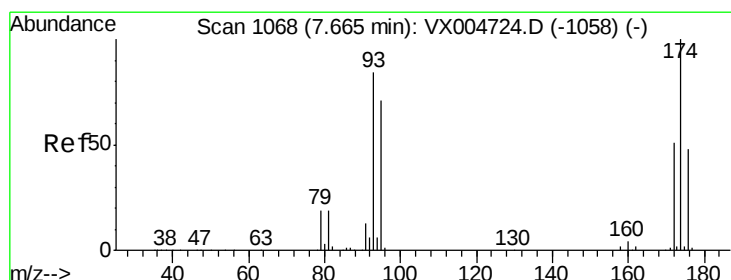
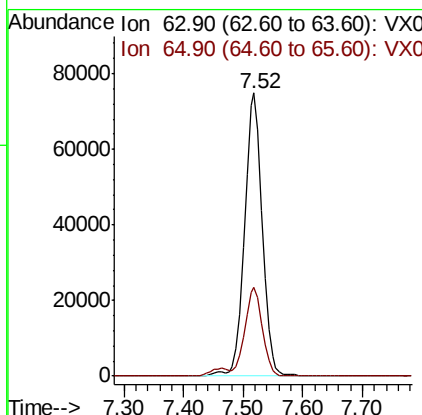
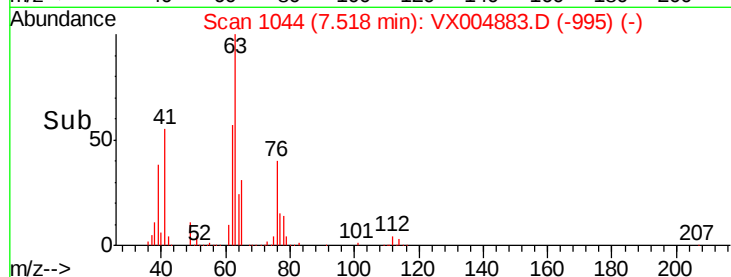
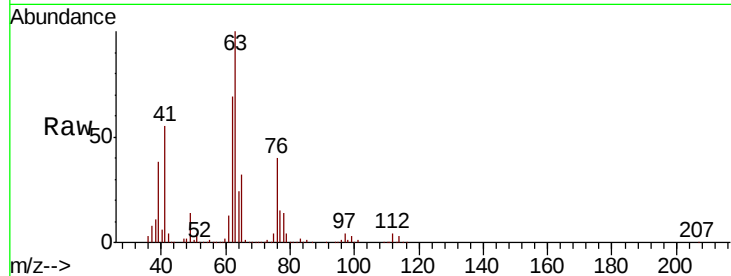
#45
 1,2-Dichloropropane
 Concen: 52.954 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 155497
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5

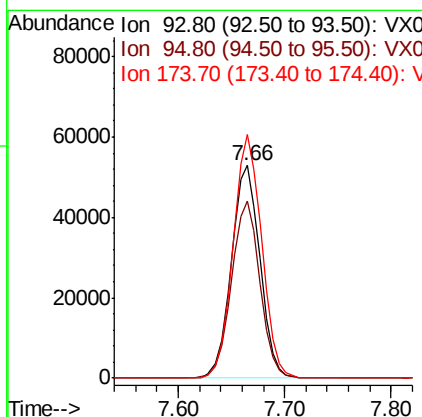
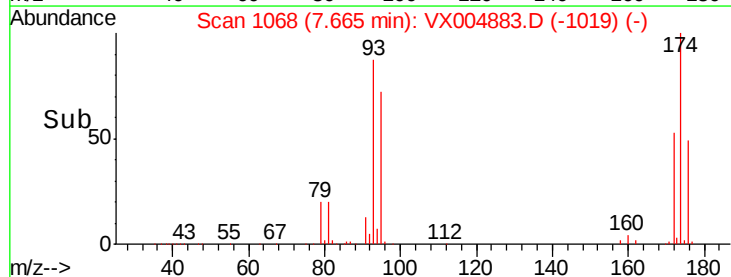
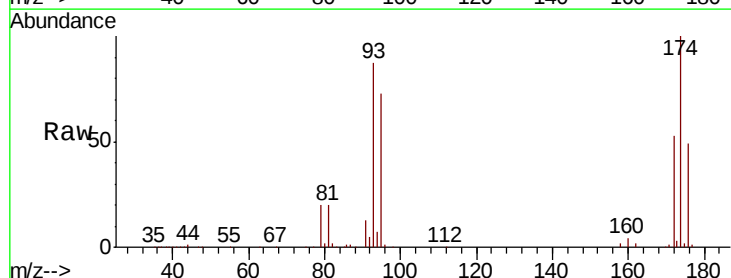
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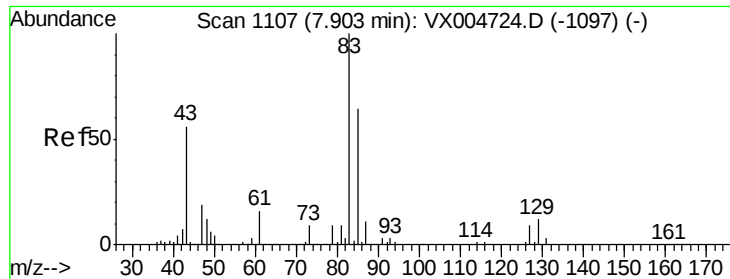
MMDadoda
 10/4/2018 7:07:53 PM



#46
 Dibromomethane
 Concen: 53.925 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion: 93 Resp: 99517
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.5 98.3
 174 114.7 94.2 141.4





#47

Bromodichloromethane

Concen: 55.592 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

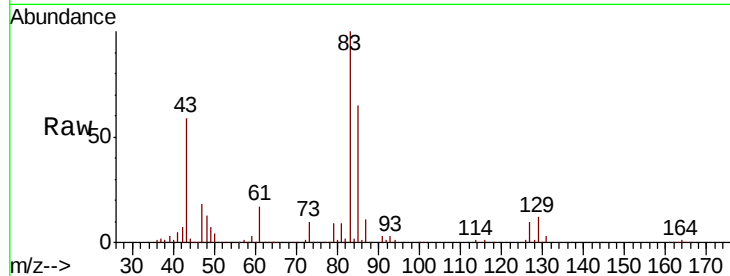
ClientSampleId :

VSTDCCC050EC

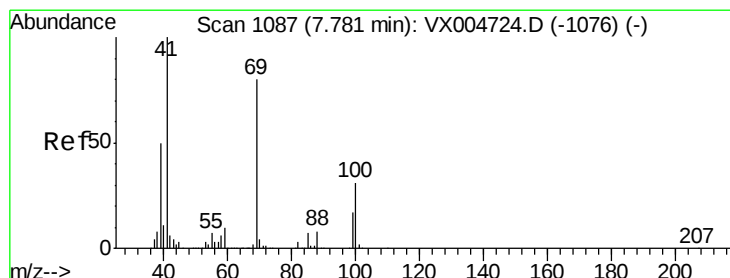
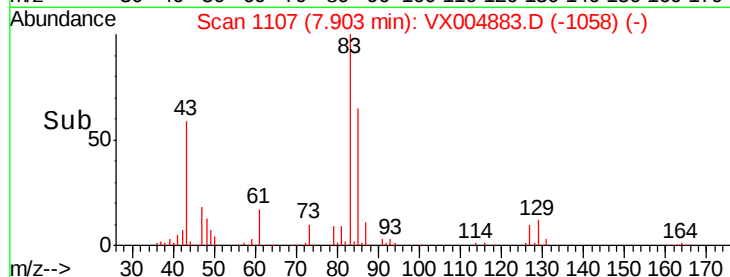
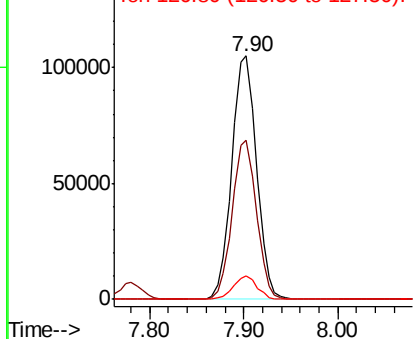
Tot Ion:	83	Resp:	192082
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.9	76.3
127	9.7	7.3	10.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 60.204 ug/l

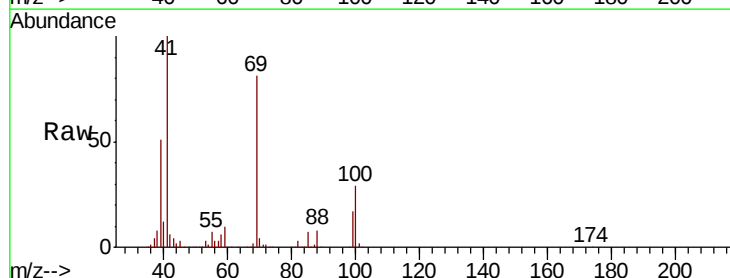
RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

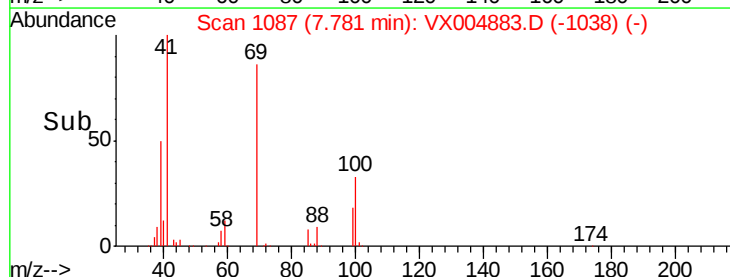
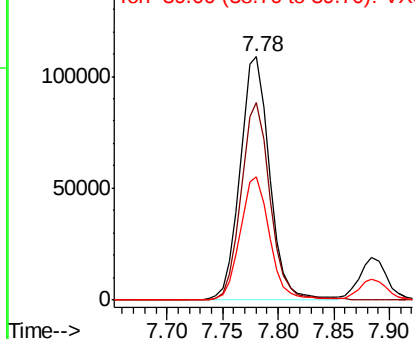
Lab File: VX004883.D

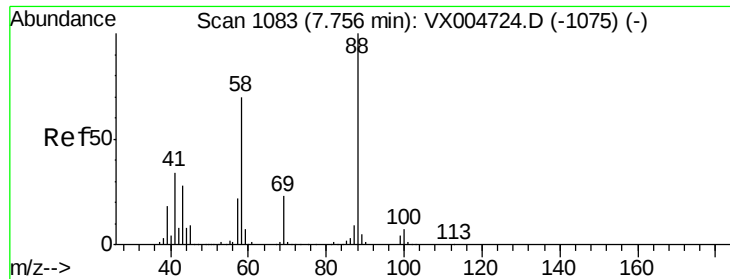
Acq: 01 Oct 2018 20:50

Tgt Ion:	41	Resp:	200243
Ion Ratio	Lower	Upper	
41	100		
69	80.4	70.2	105.4
39	50.4	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





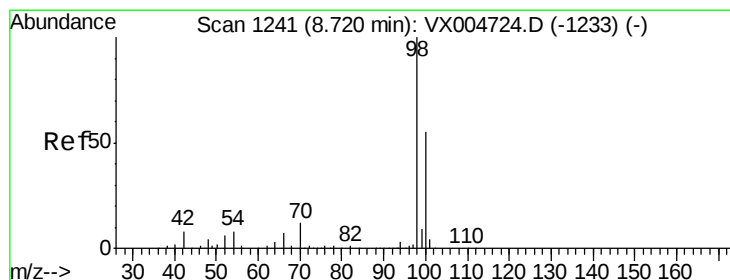
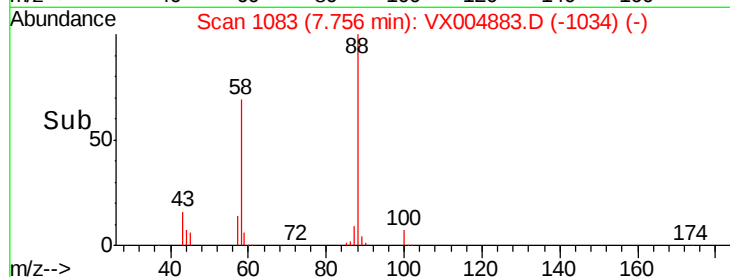
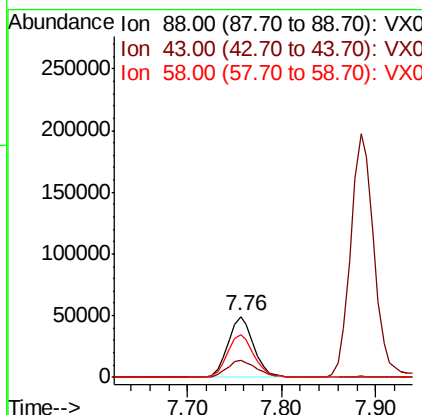
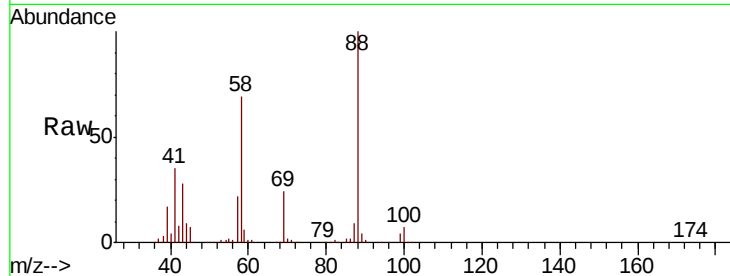
#49
1,4-Dioxane
Concen: 1113.766 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	24.7	37.1
58	73.9	55.3	82.9

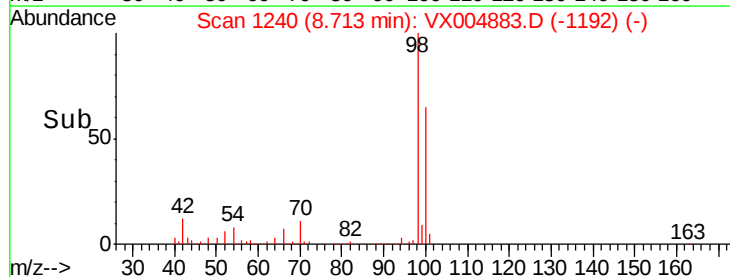
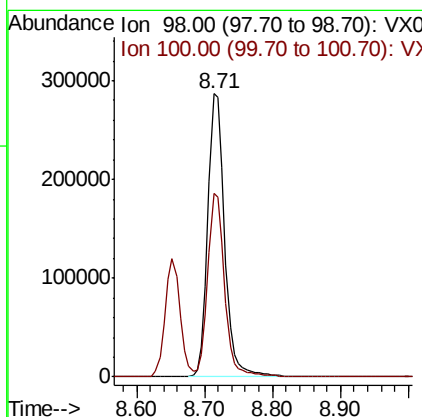
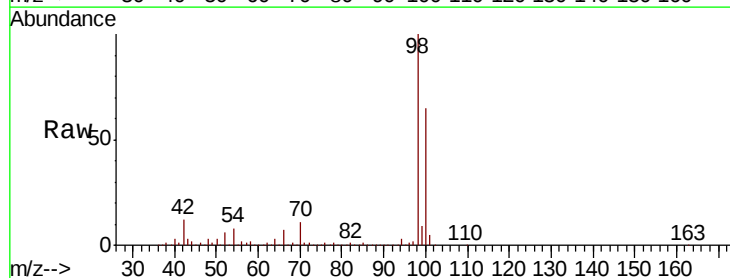
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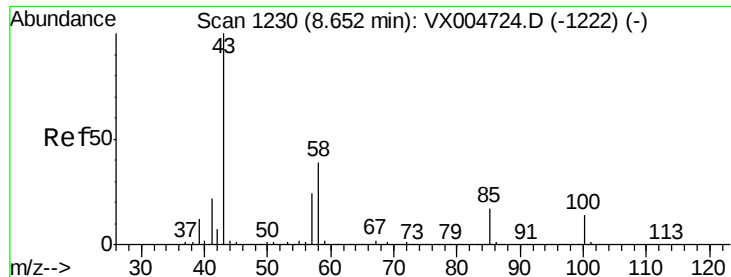
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#50
Toluene-d8
Concen: 53.121 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





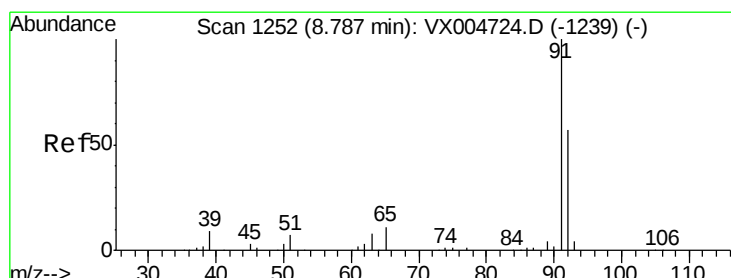
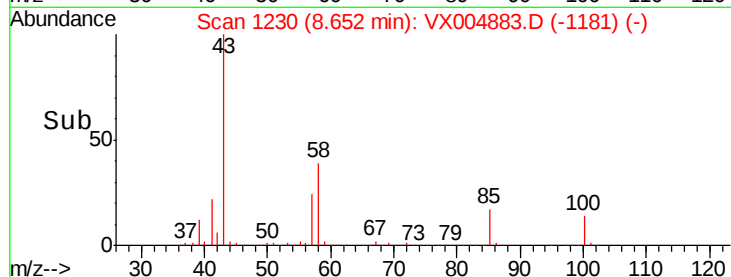
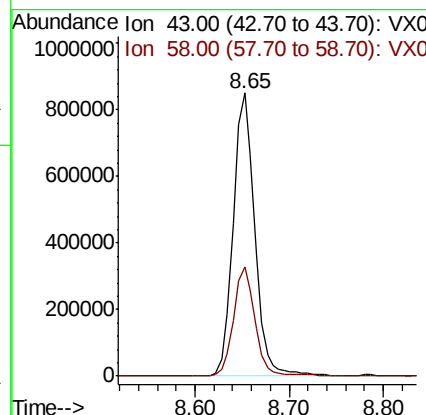
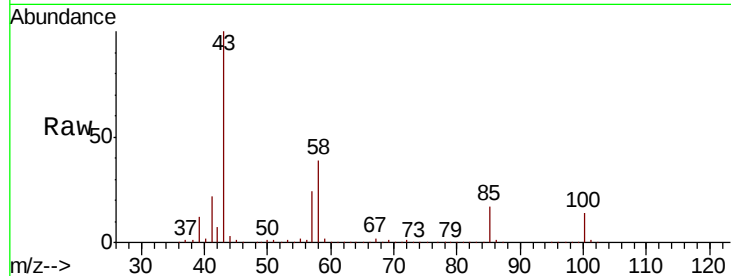
#51
4-Methyl-2-Pentanone
Concen: 294.259 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1357718
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7

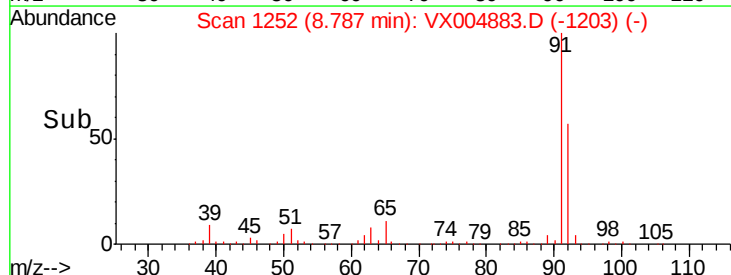
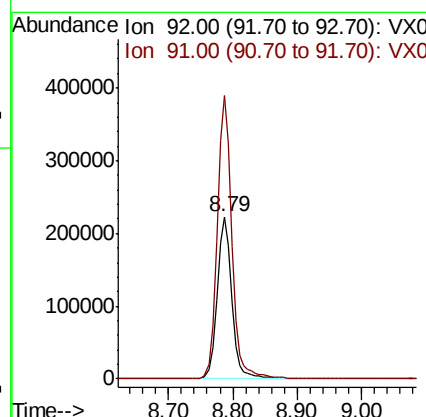
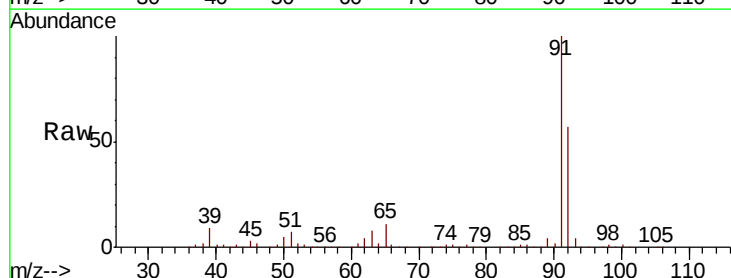
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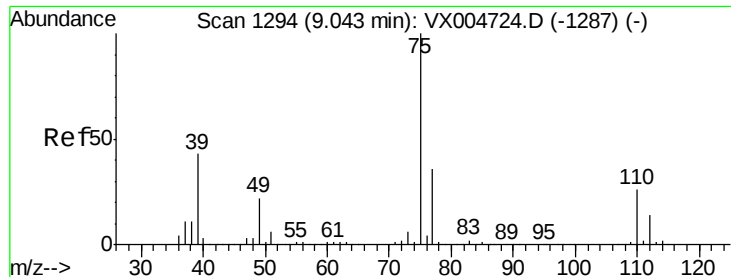
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#52
Toluene
Concen: 54.324 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion: 92 Resp: 357435
Ion Ratio Lower Upper
92 100
91 175.2 136.4 204.6





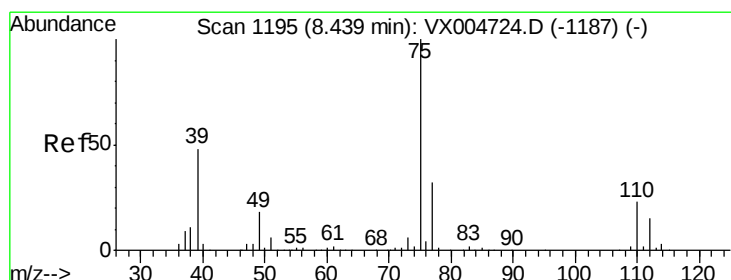
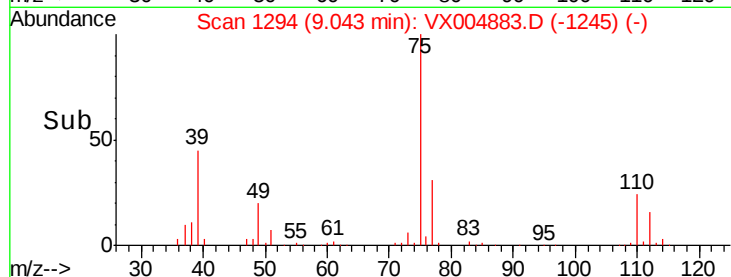
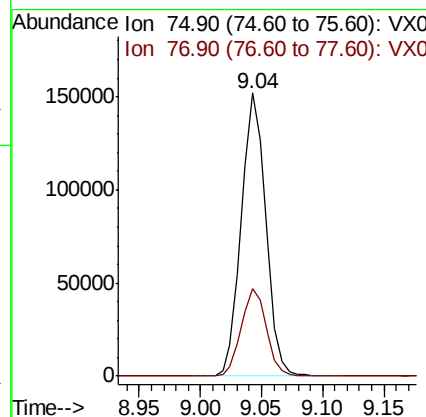
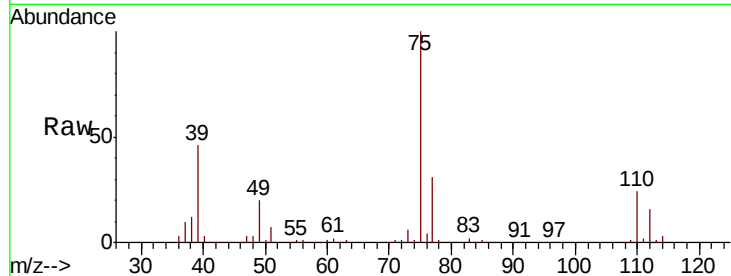
#53
t-1,3-Dichloropropene
Concen: 53.940 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 210609
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0

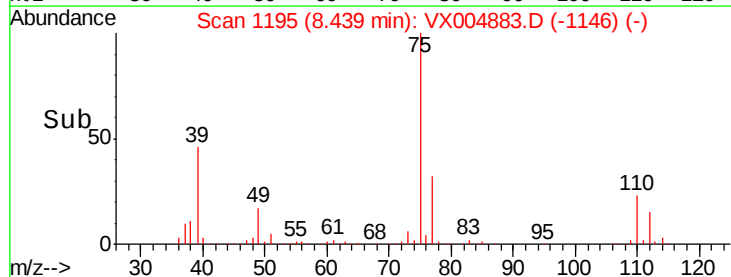
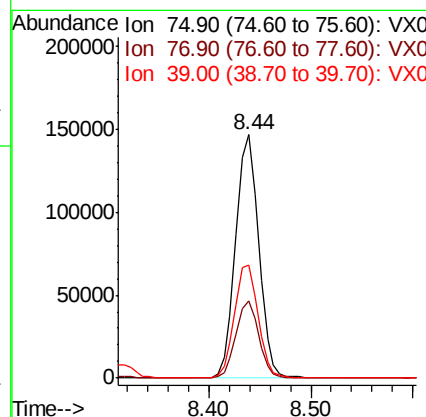
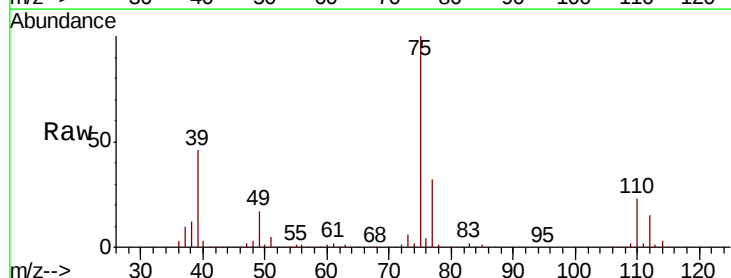
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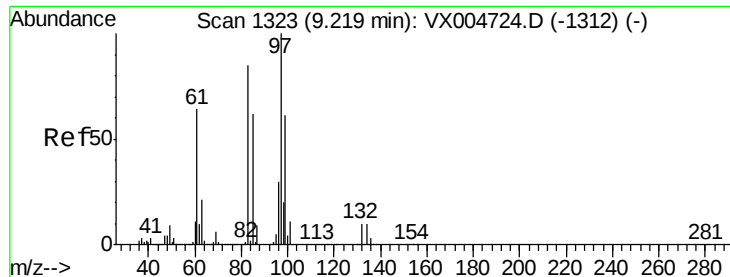
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#54
cis-1,3-Dichloropropene
Concen: 56.146 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion: 75 Resp: 229619
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 46.2 36.4 54.6





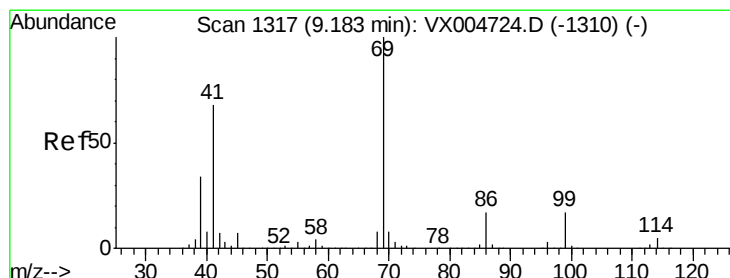
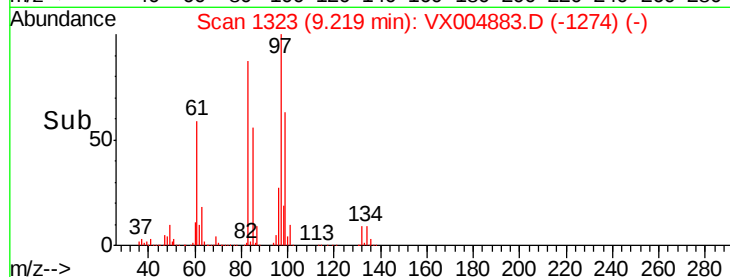
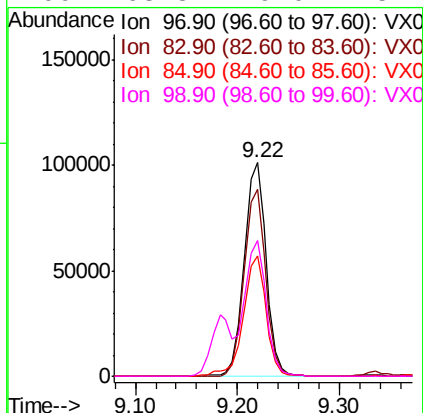
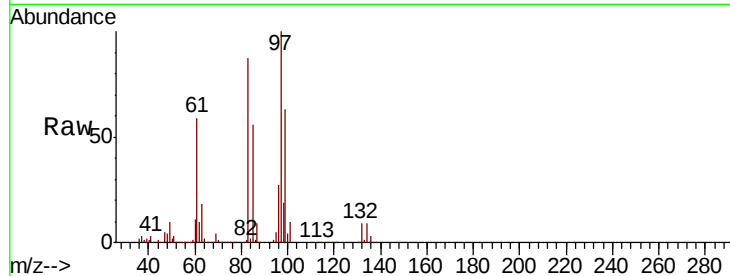
#55
 1,1,2-Trichloroethane
 Concen: 52.154 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		150315		
83	87.2	66.4	99.6		
85	56.3	43.3	64.9		
99	63.3	49.0	73.4		

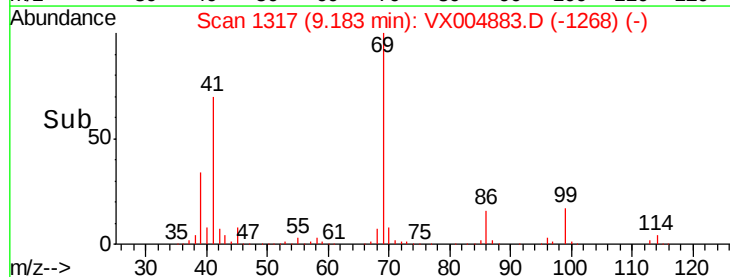
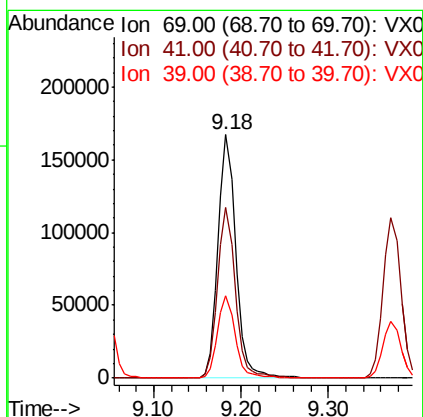
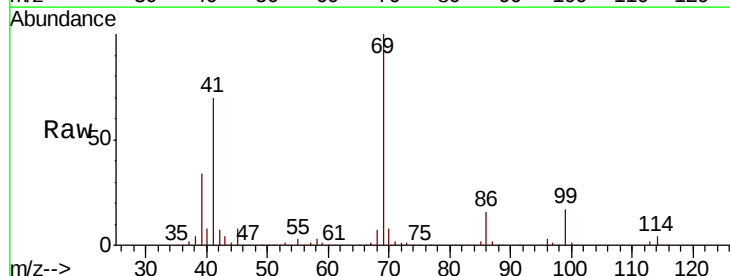
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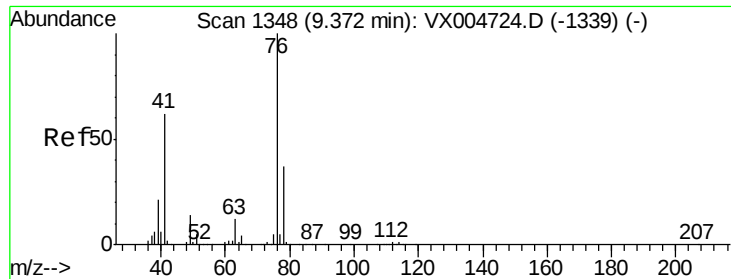
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#56
 Ethyl methacrylate
 Concen: 50.538 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		236516		
41	69.7	51.0	76.4		
39	33.6	26.1	39.1		





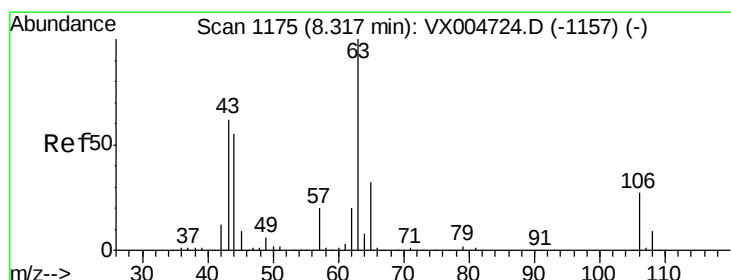
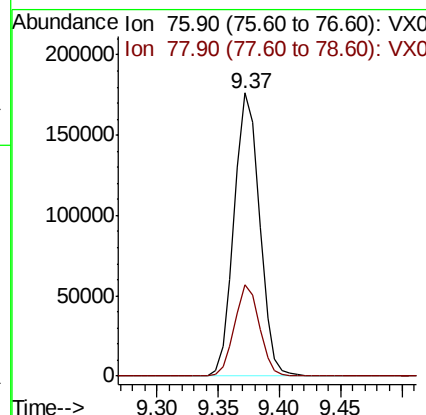
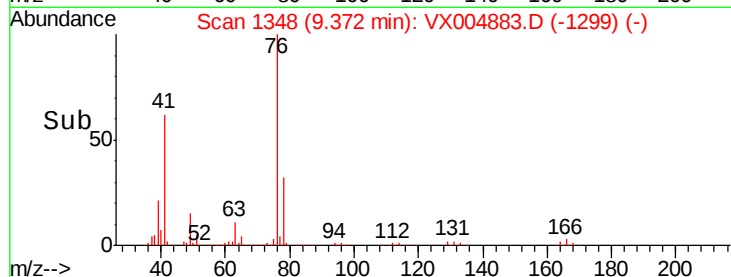
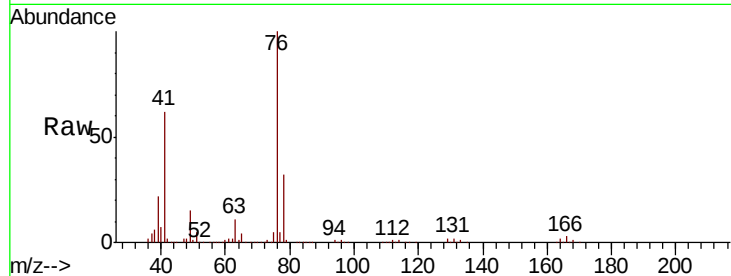
#57
 1,3-Dichloropropane
 Concen: 52.902 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 253758
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

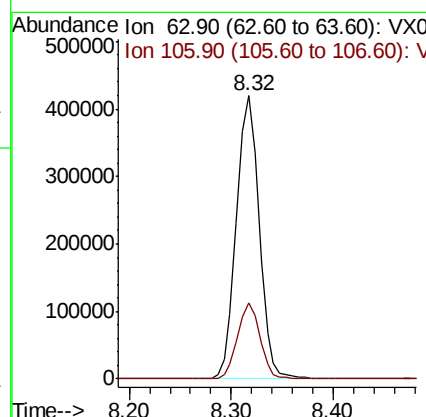
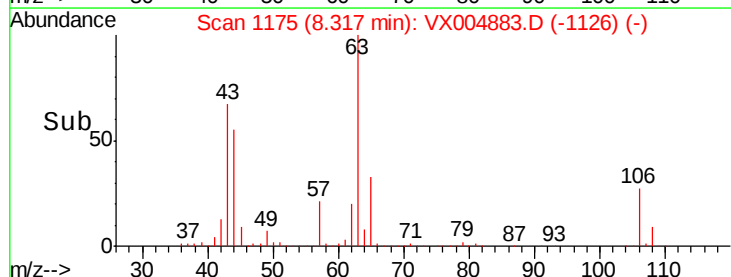
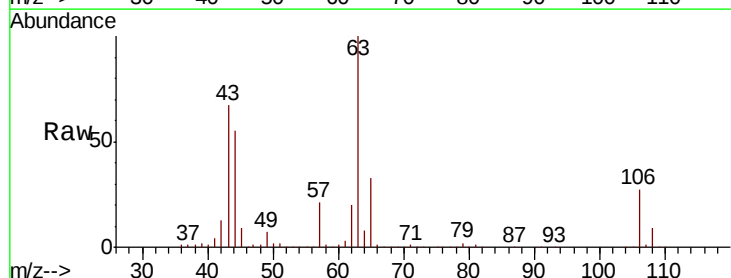
Manual Integrations
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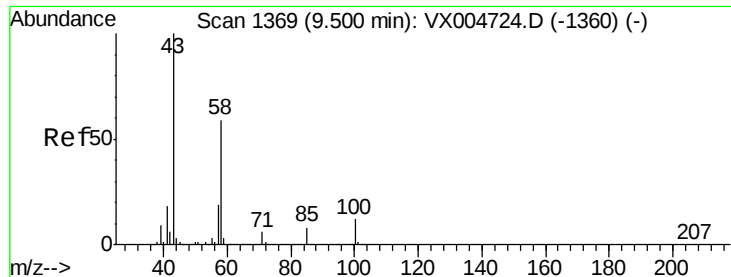
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 10/4/2018 7:07:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.860 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion: 63 Resp: 646806
 Ion Ratio Lower Upper
 63 100
 106 26.7 23.9 35.9





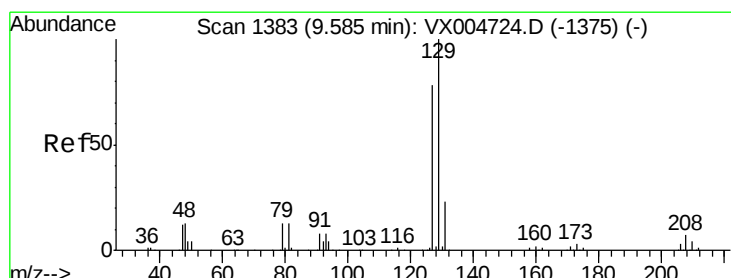
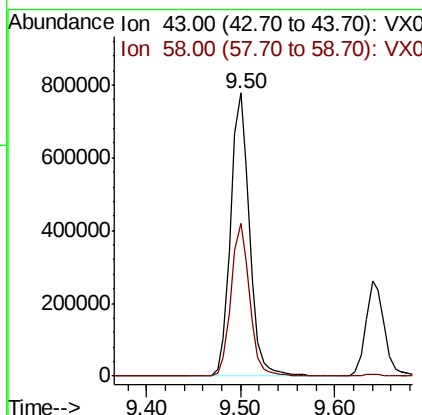
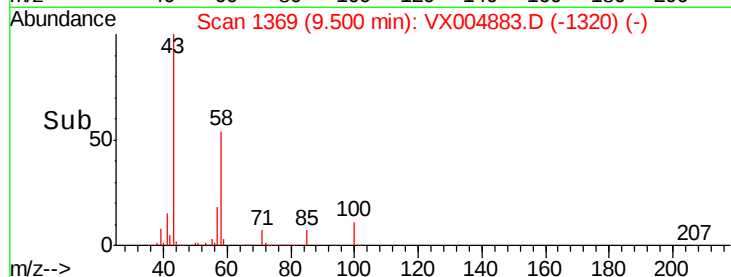
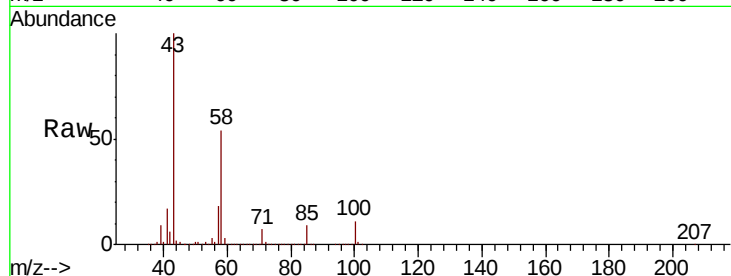
#59
2-Hexanone
Concen: 281.669 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1083004
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

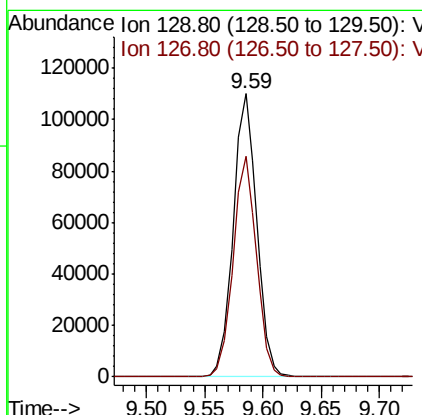
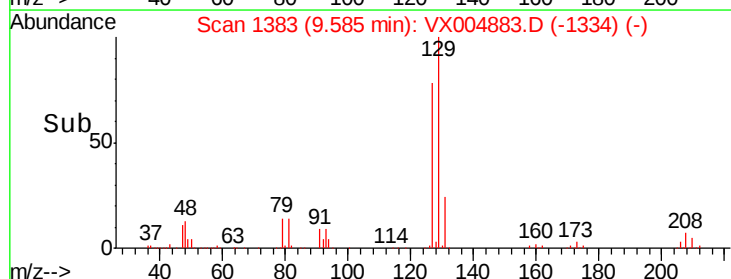
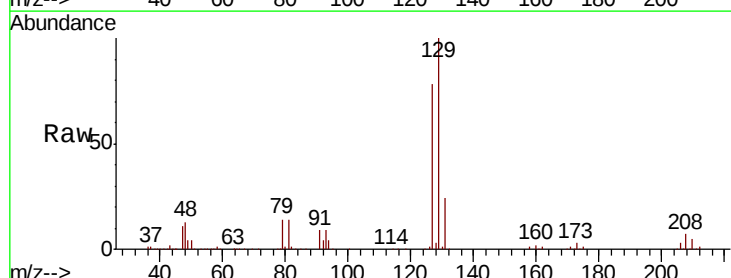
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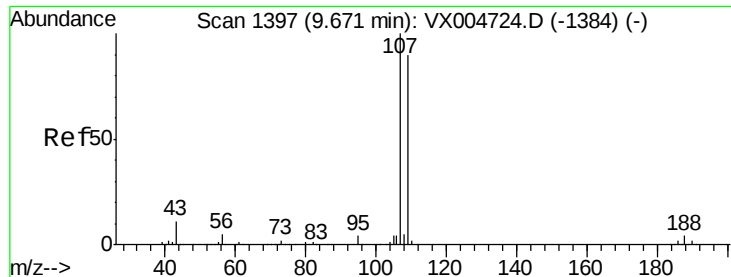
MMDadoda
10/4/2018 7:07:53 PM



#60
Dibromochloromethane
Concen: 53.937 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion: 129 Resp: 155466
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.118 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 154694

Ion Ratio Lower Upper

107 100

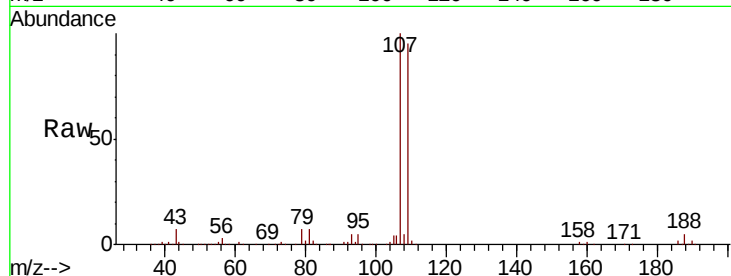
109 95.3 76.0 114.0

Manual Integrations

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MMDadoda

10/4/2018 7:07:53 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

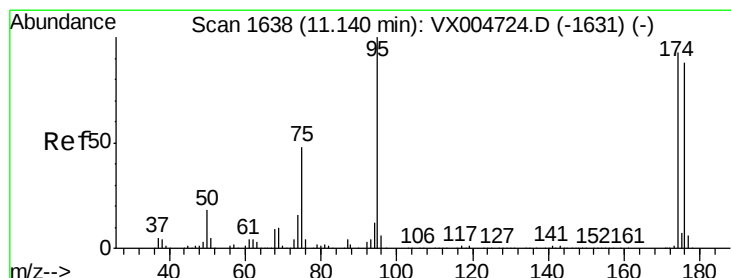
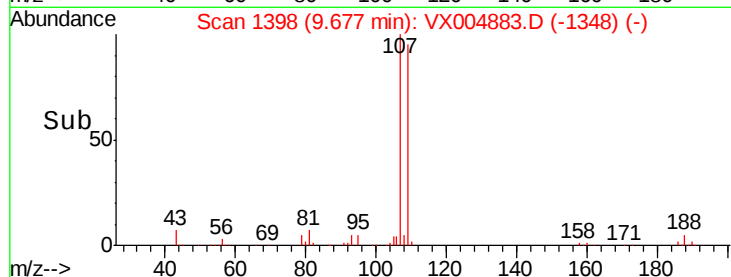
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.088 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

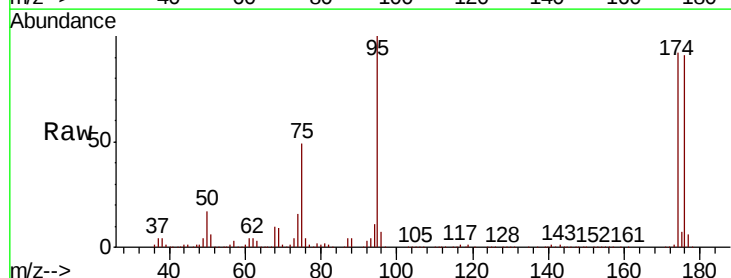
Tgt Ion: 95 Resp: 184957

Ion Ratio Lower Upper

95 100

174 90.4 0.0 185.2

176 88.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

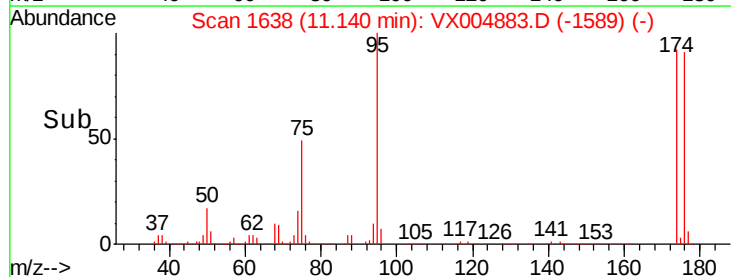
150000

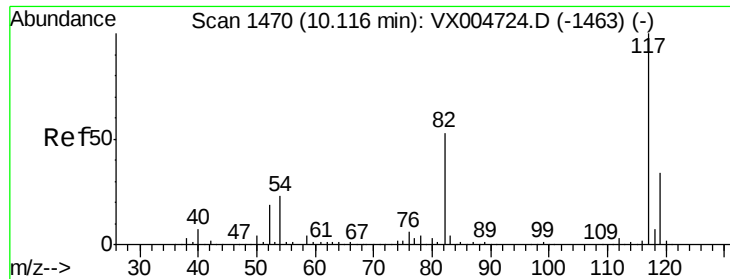
100000

50000

0

Time-->





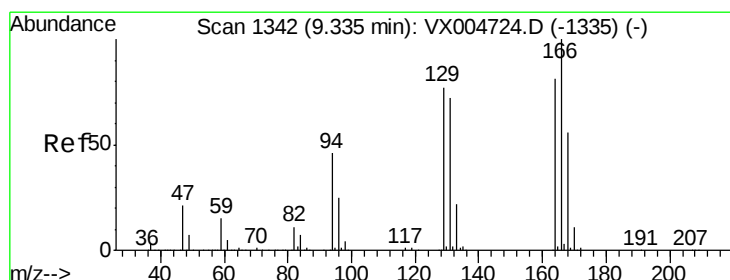
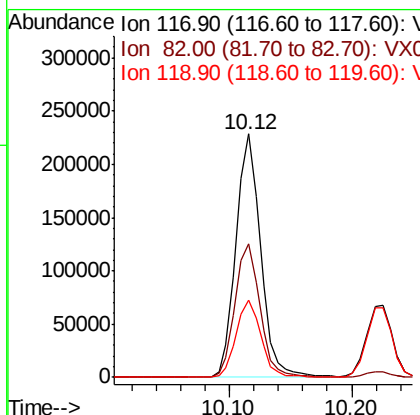
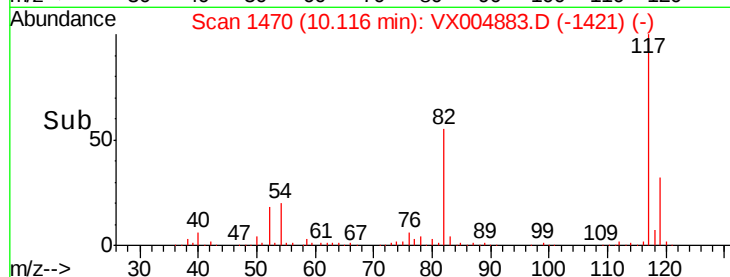
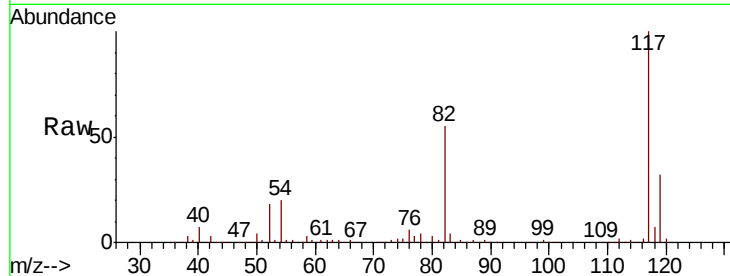
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	31.9	29.3	43.9

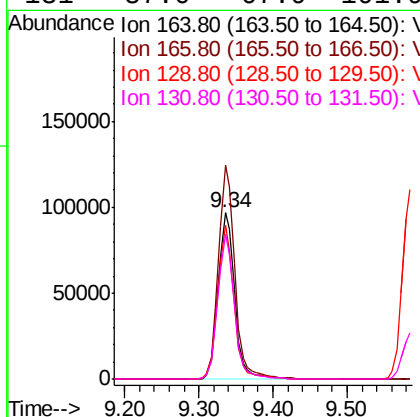
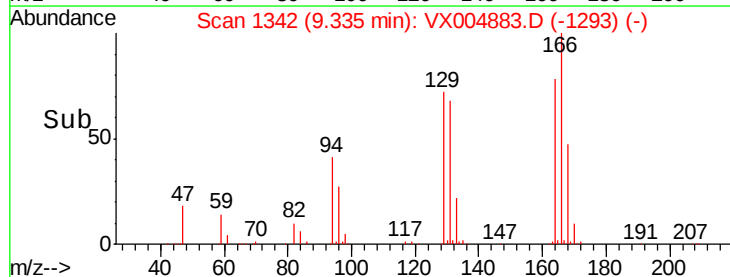
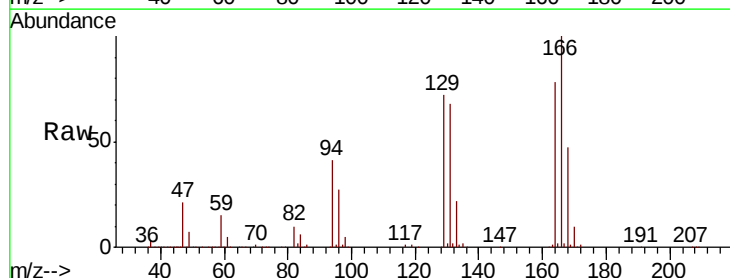
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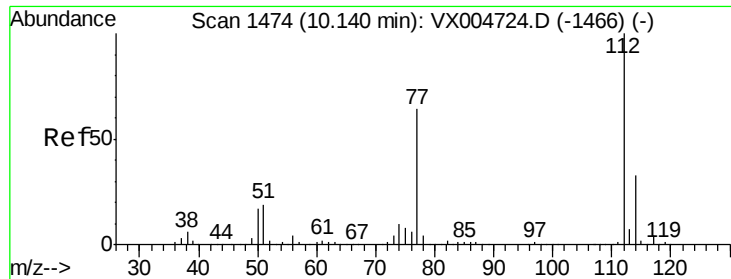
MMDadoda
10/4/2018 7:07:53 PM



#64
Tetrachloroethene
Concen: 47.471 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.8	154.2
129	92.7	69.4	104.0
131	87.0	67.9	101.9





#65

Chlorobenzene

Concen: 48.789 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 398575

Ion Ratio Lower Upper

112 100

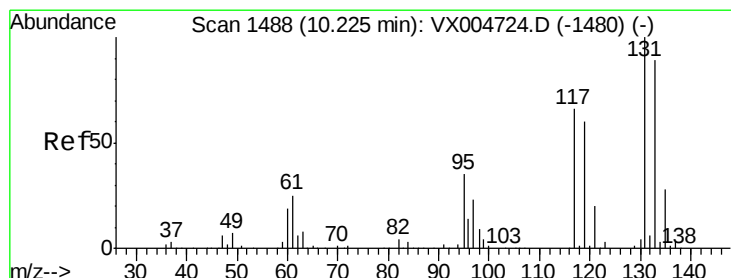
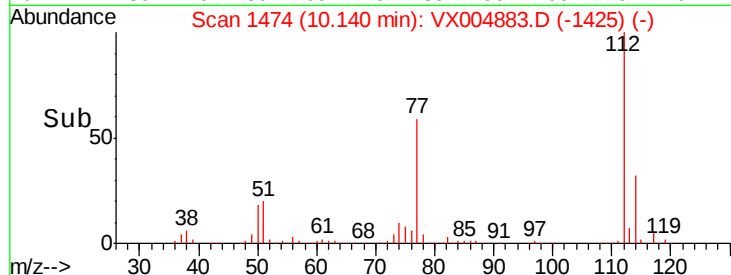
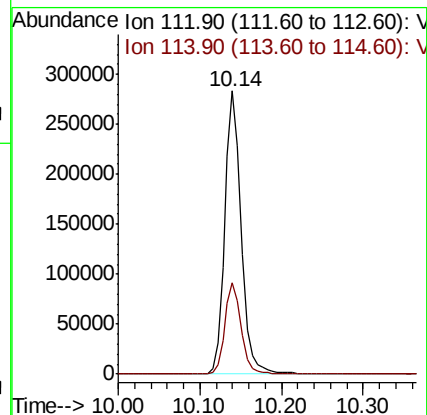
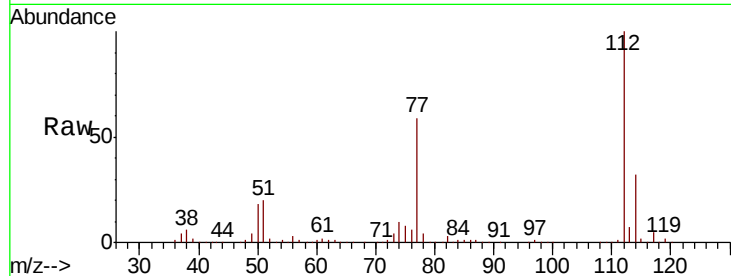
114 32.4 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.831 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

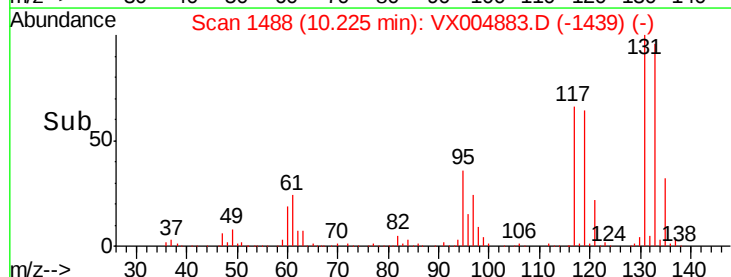
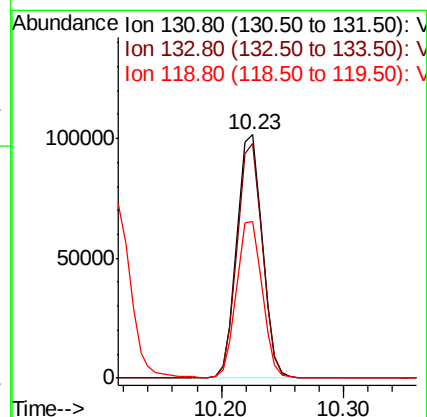
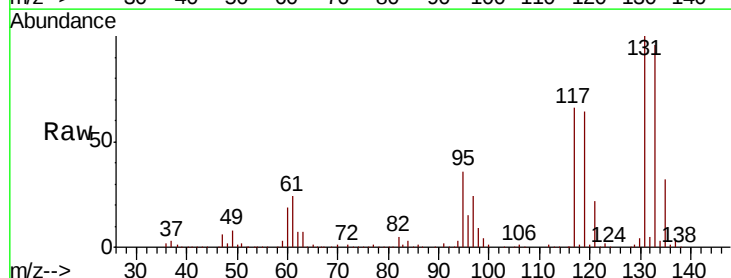
Tgt Ion:131 Resp: 145986

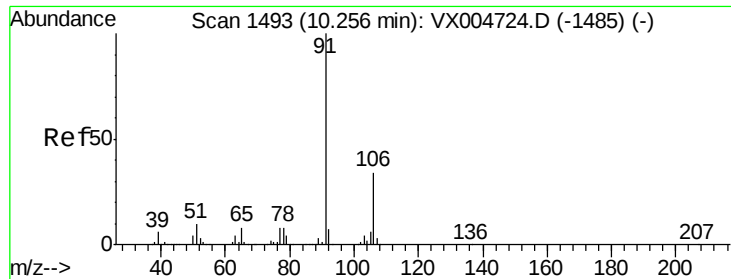
Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 65.0 32.9 98.6





#67

Ethyl Benzene

Concen: 52.509 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 681029

Ion Ratio Lower Upper

91 100

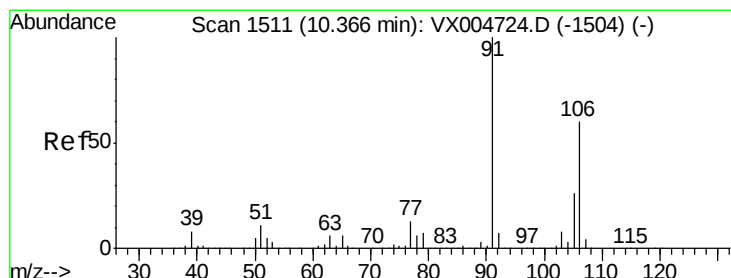
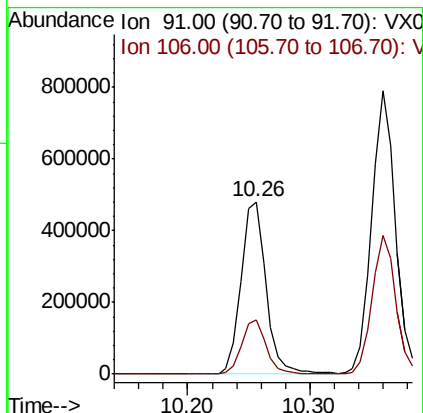
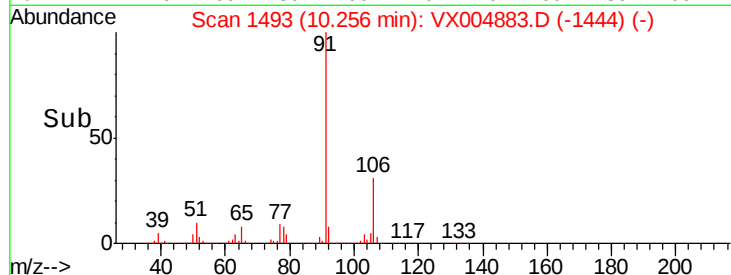
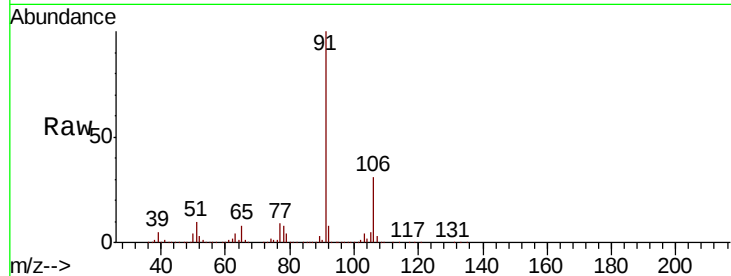
106 31.2 25.9 38.9

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#68

m/p-Xylenes

Concen: 105.147 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004883.D

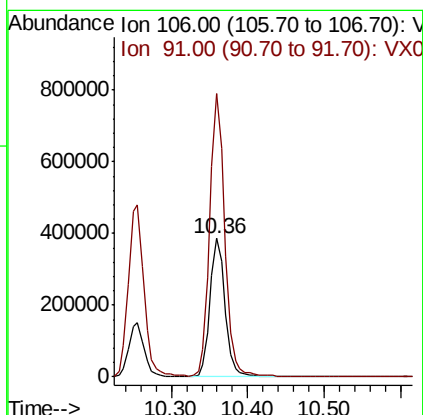
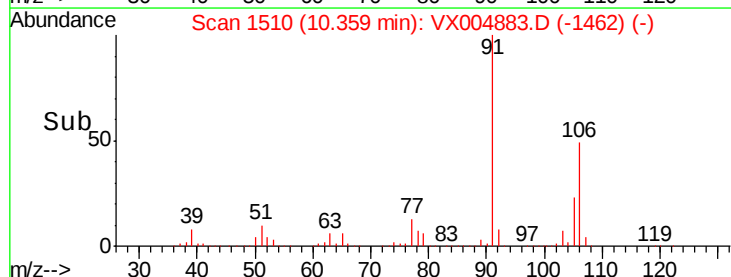
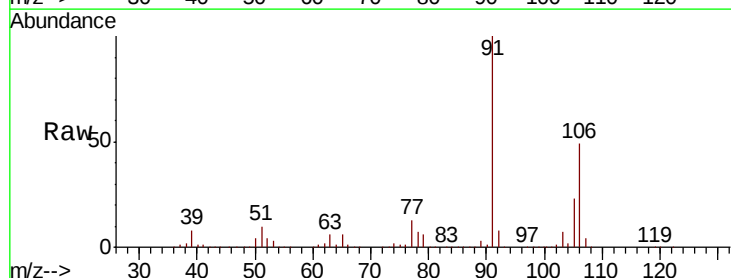
Acq: 01 Oct 2018 20:50

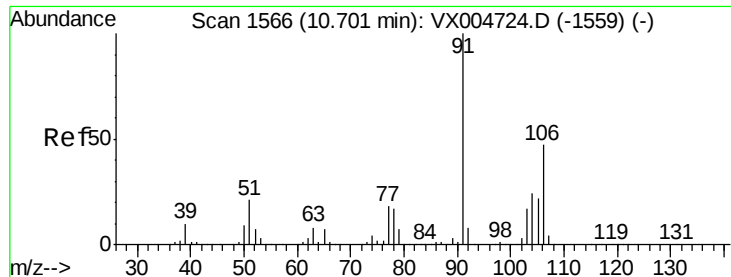
Tgt Ion: 106 Resp: 532911

Ion Ratio Lower Upper

106 100

91 204.1 157.1 235.7





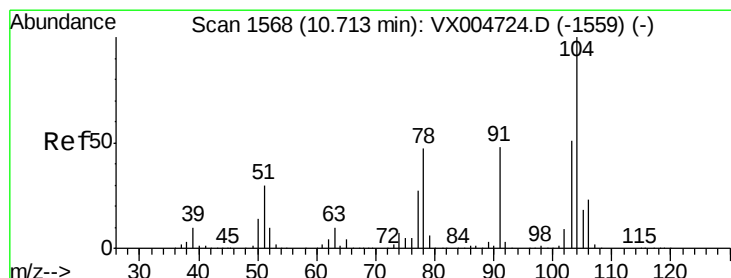
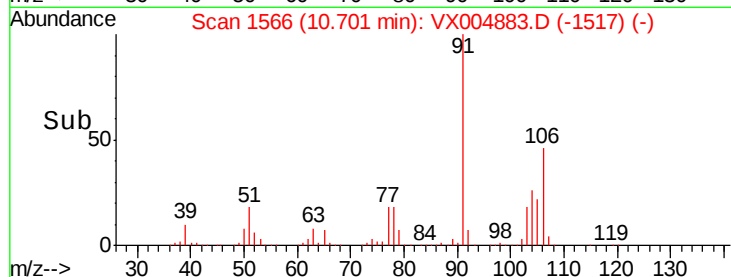
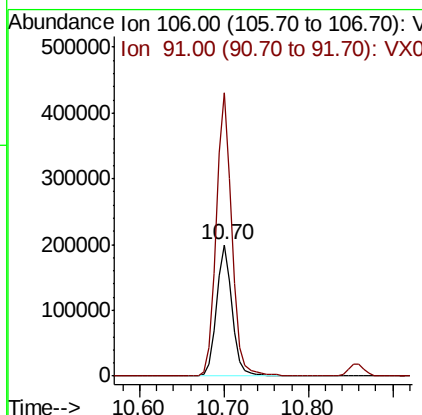
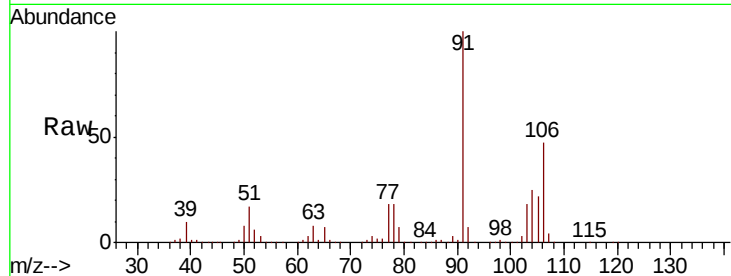
#69
o-Xylene
Concen: 55.086 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 256433
Ion Ratio Lower Upper
106 100
91 215.0 105.1 315.1

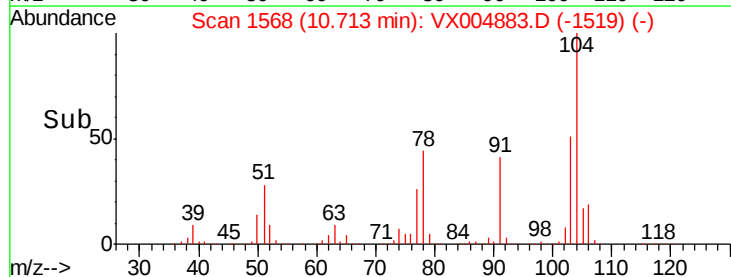
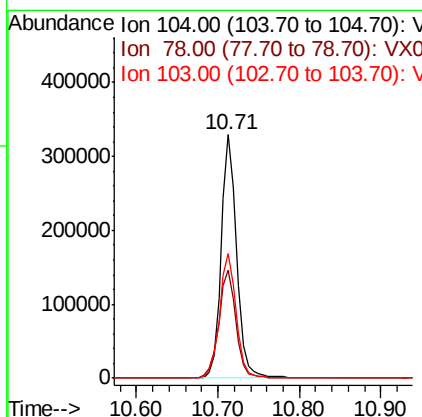
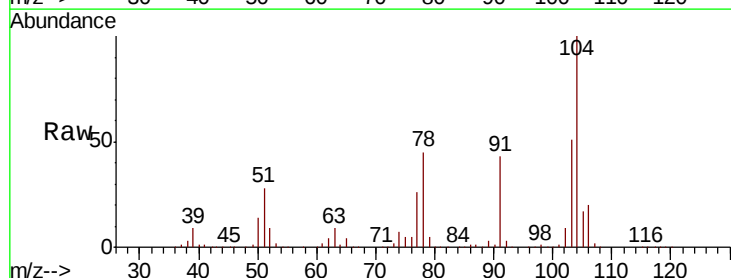
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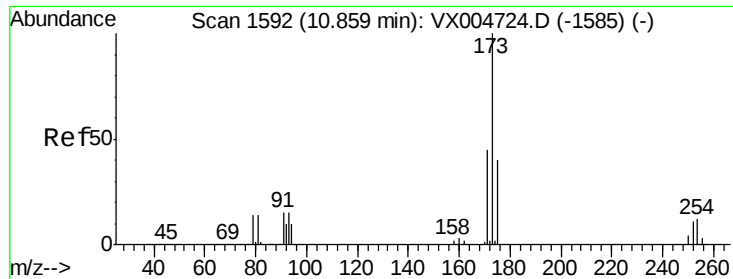
MMDadoda
10/4/2018 7:07:53 PM



#70
Styrene
Concen: 50.238 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion:104 Resp: 437490
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.8 43.8 65.6





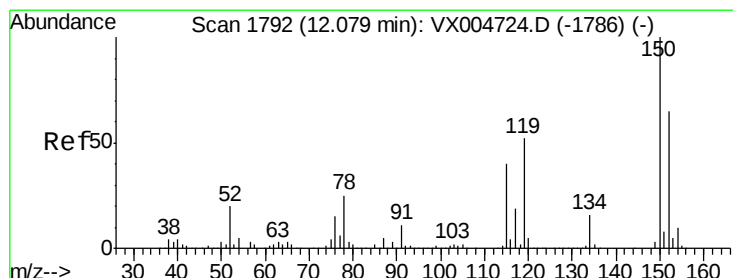
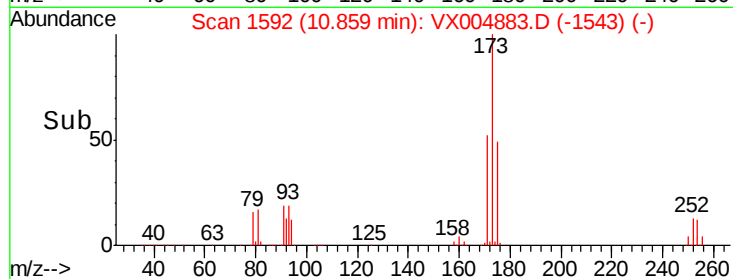
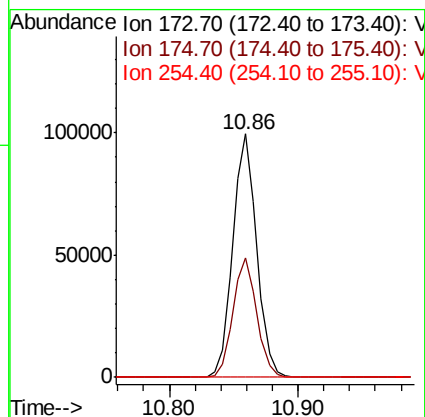
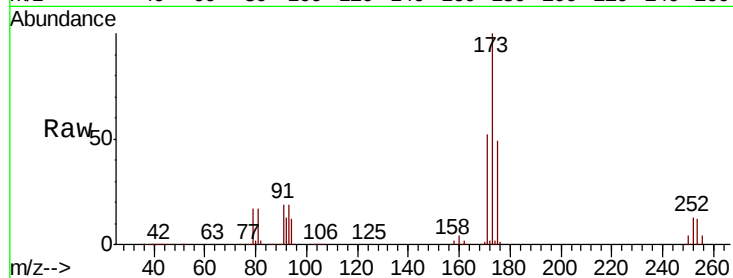
#71
Bromoform
Concen: 52.414 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.1	72.3
254	0.2	0.2	0.2

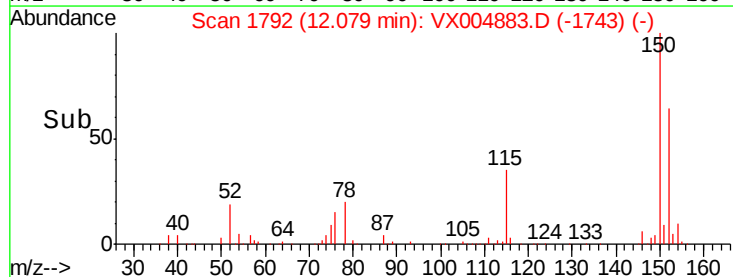
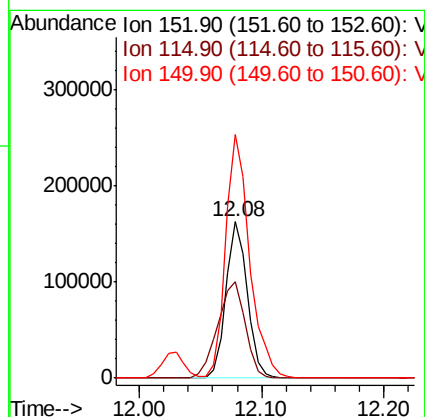
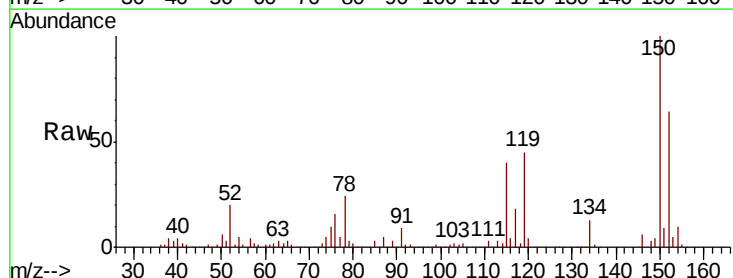
Manual Integrations
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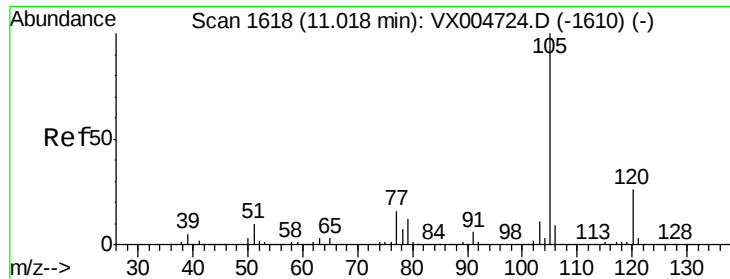
MMDadoda
10/4/2018 7:07:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.4	39.0	117.0
150	175.6	0.0	351.0





#73

Isopropylbenzene

Concen: 55.585 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 685845

Ion Ratio Lower Upper

105 100

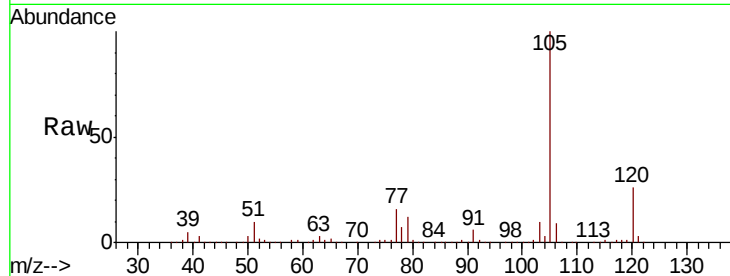
120 26.6 13.5 40.4

Manual Integrations

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MMDadoda

10/4/2018 7:07:53 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

500000

400000

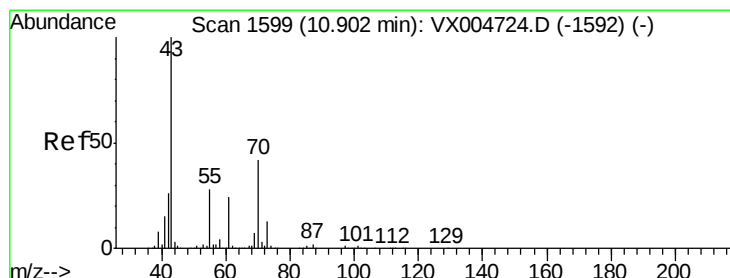
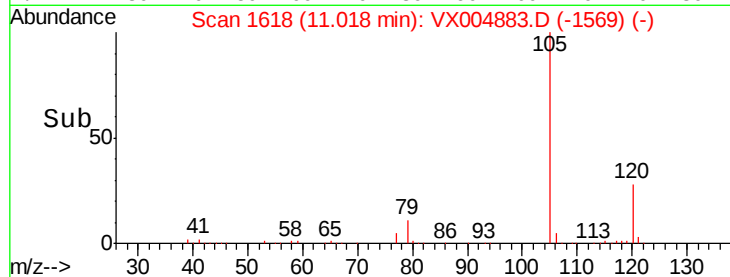
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.314 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Tgt Ion: 43 Resp: 341302

Ion Ratio Lower Upper

43 100

70 41.0 37.4 56.0

55 25.1 21.8 32.8

61 23.6 20.6 30.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

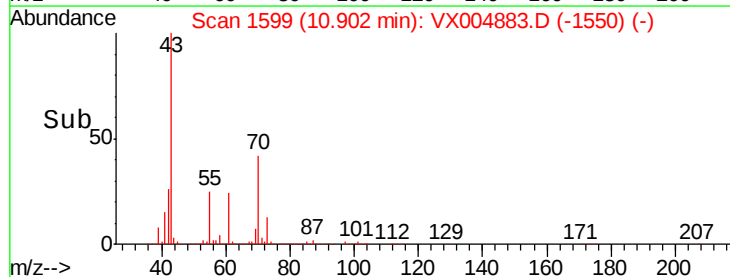
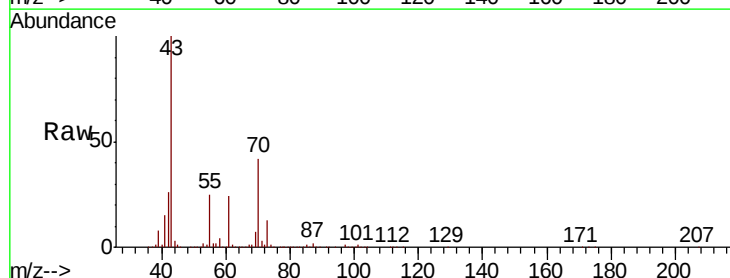
300000

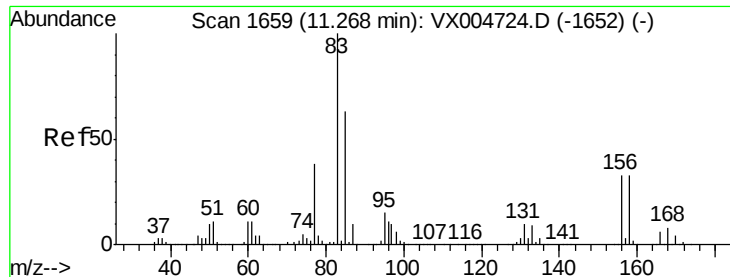
200000

100000

0

Time-->





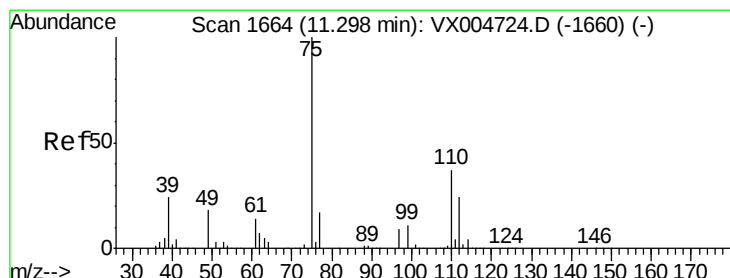
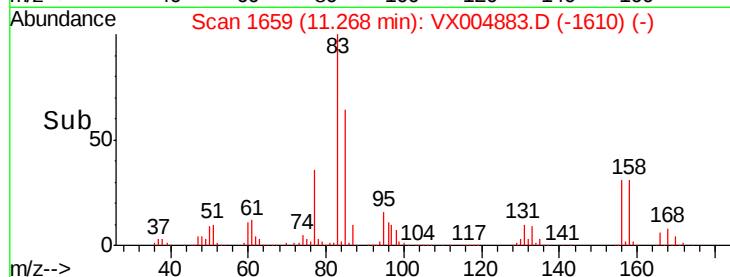
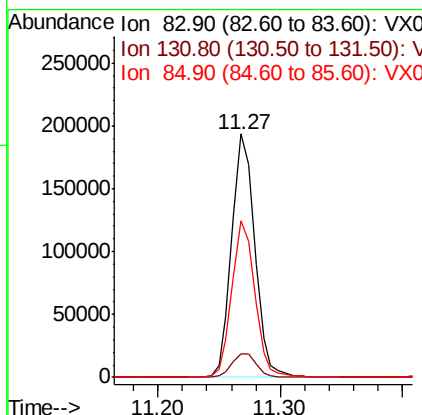
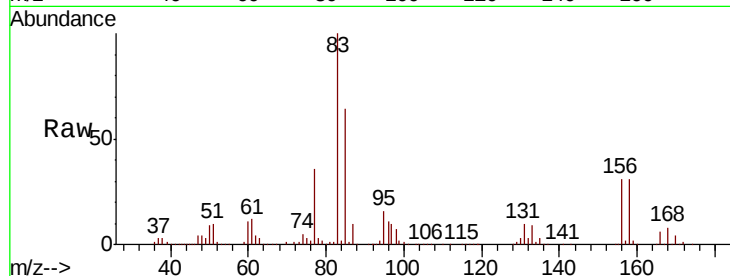
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.395 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.3	5.2	15.6	
85	64.2	32.3	96.8	

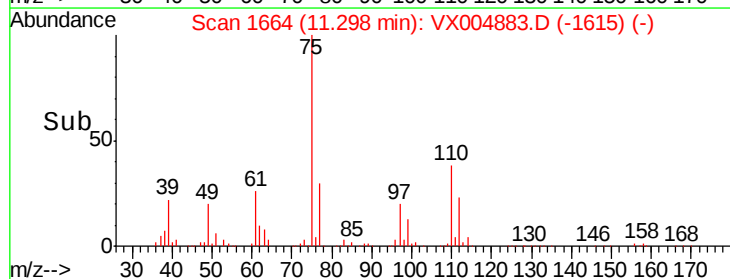
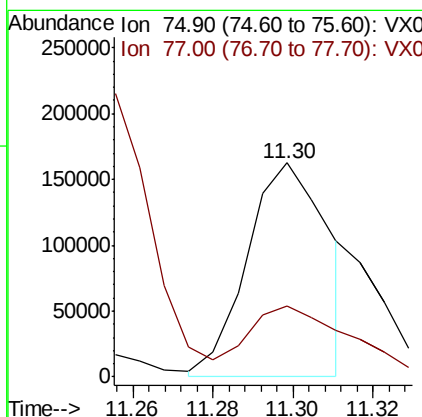
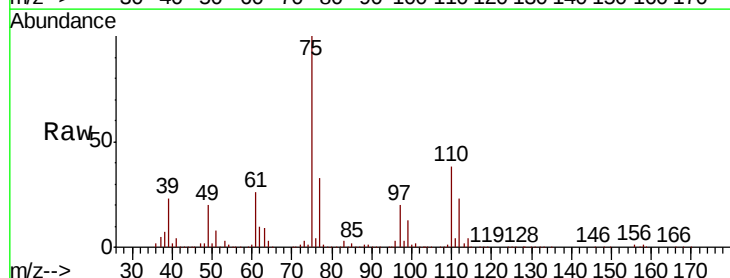
Manual Integrations
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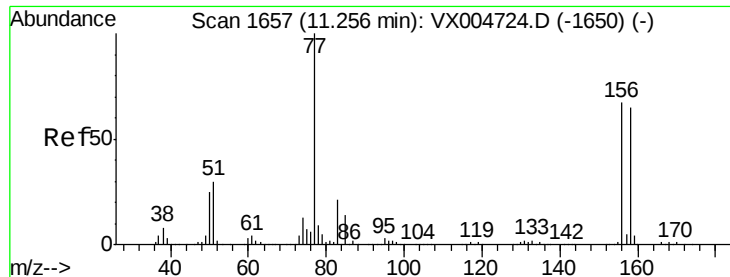
MMDadoda
 10/4/2018 7:07:53 PM



#76
 1,2,3-Trichloropropane
 Concen: 51.946 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	42.0	20.2	60.6	





#77

Bromobenzene

Concen: 51.889 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

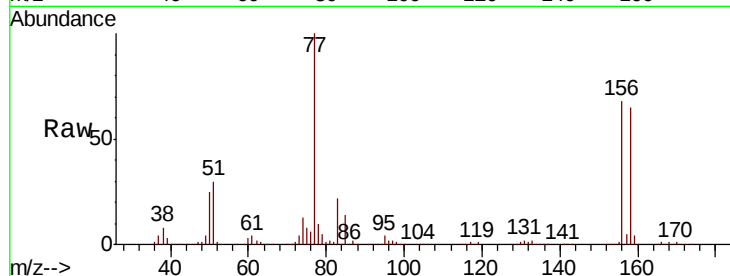
ClientSampleId :

VSTDCCC050EC

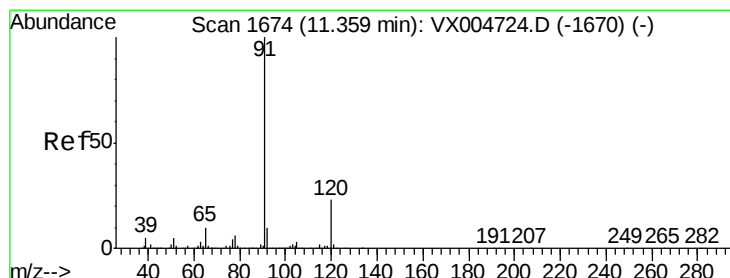
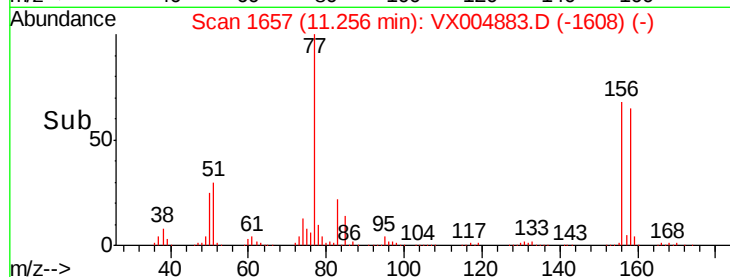
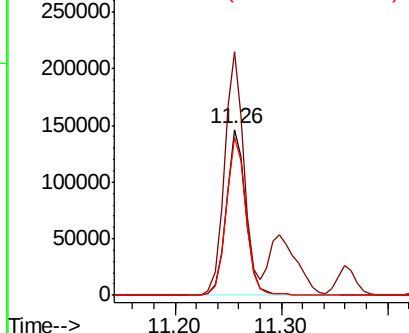
Tot Ion:	156	Resp:	185964
Ion Ratio	Lower	Upper	
156	100		
77	147.2	71.5	214.3
158	97.5	48.9	146.8

Manual Integrations
APPROVED

MMDadoda
10/4/2018 7:07:53 PM



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



#78

n-propylbenzene

Concen: 56.403 ug/l

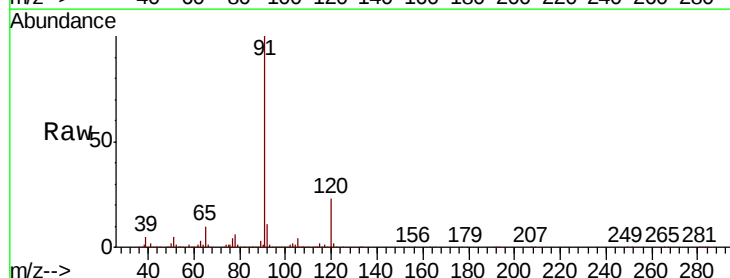
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

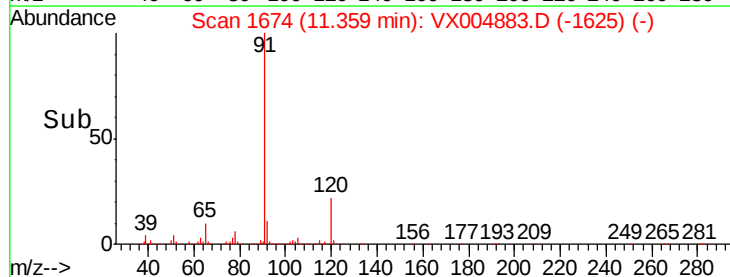
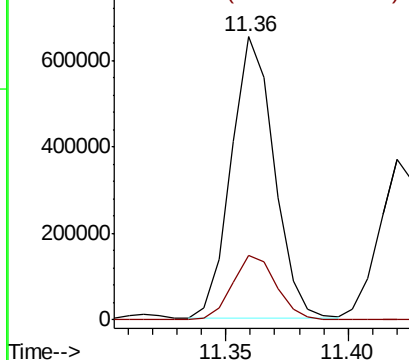
Lab File: VX004883.D

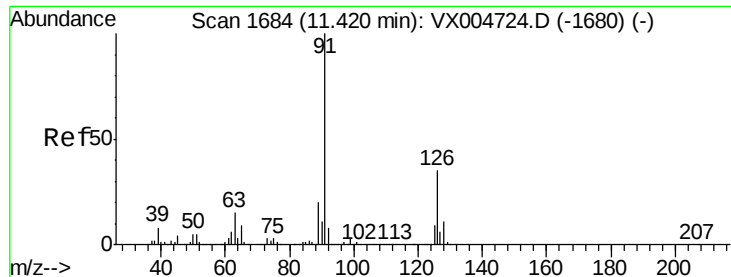
Acq: 01 Oct 2018 20:50

Tgt Ion:	91	Resp:	798506
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9



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





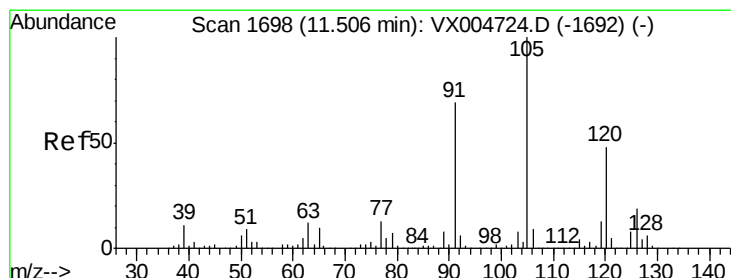
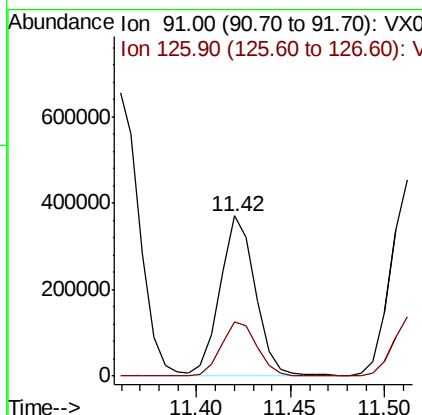
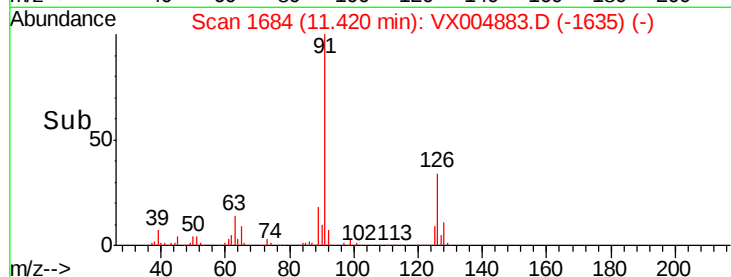
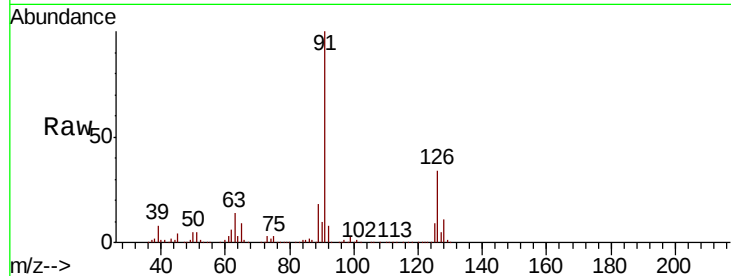
#79
2-Chlorotoluene
Concen: 53.807 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 474819
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.7

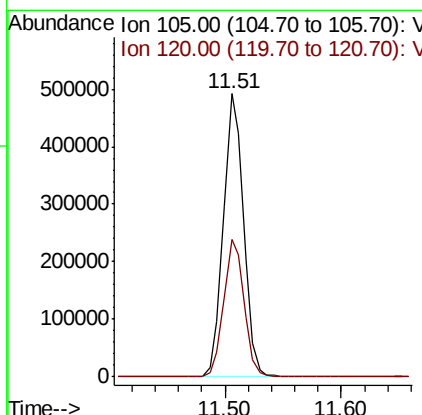
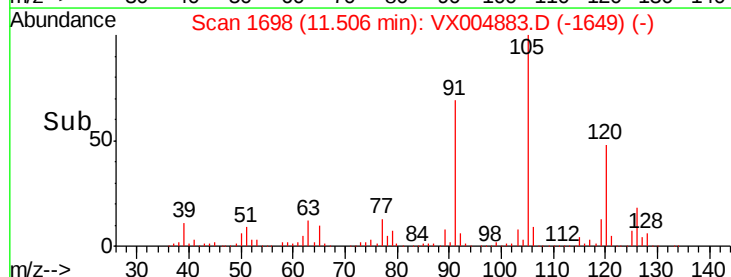
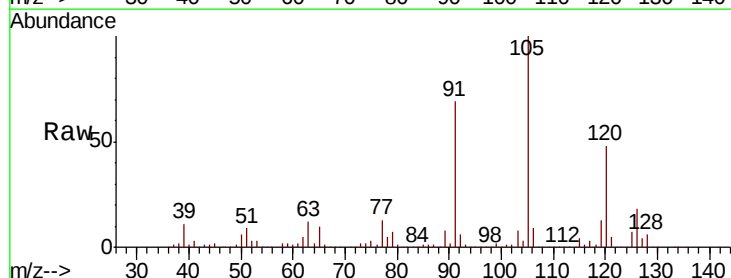
Manual Integrations
APPROVED

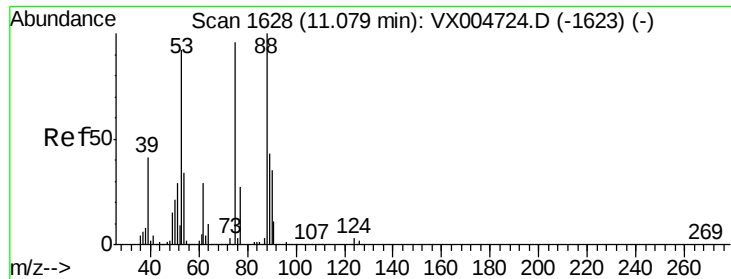
MMDadoda
10/4/2018 7:07:53 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.136 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion: 105 Resp: 589504
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.063 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 70489

Ion Ratio Lower Upper

75 100

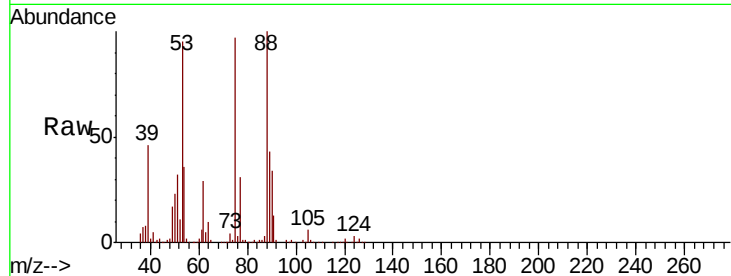
53 98.5 80.1 120.1

89 46.1 37.2 55.8

Manual Integrations
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MMDadoda

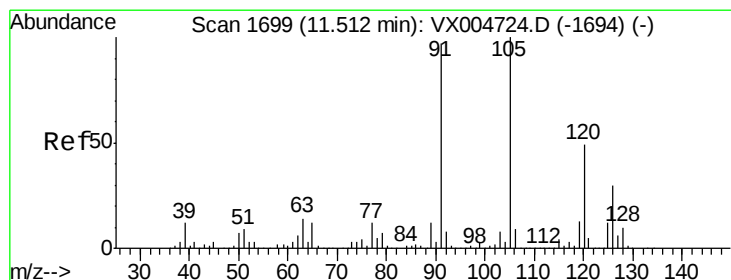
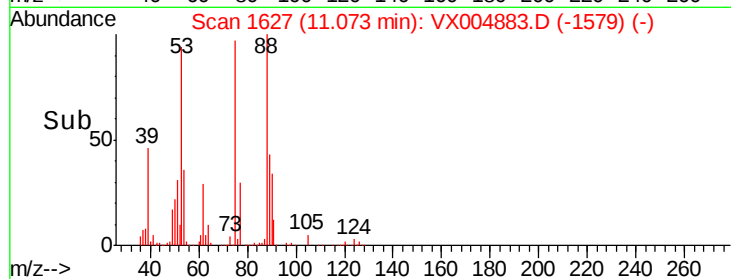
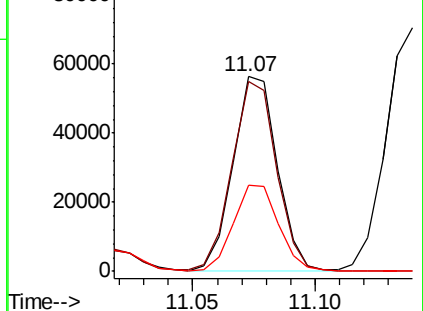
10/4/2018 7:07:53 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.314 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004883.D

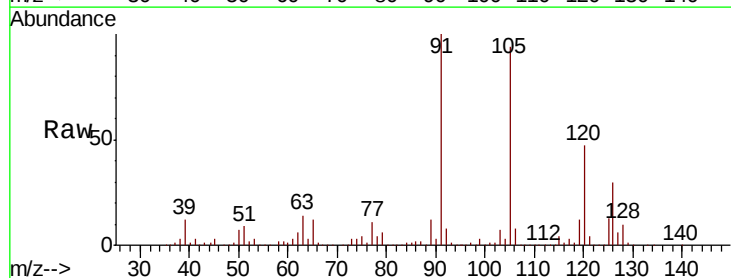
Acq: 01 Oct 2018 20:50

Tgt Ion: 91 Resp: 564152

Ion Ratio Lower Upper

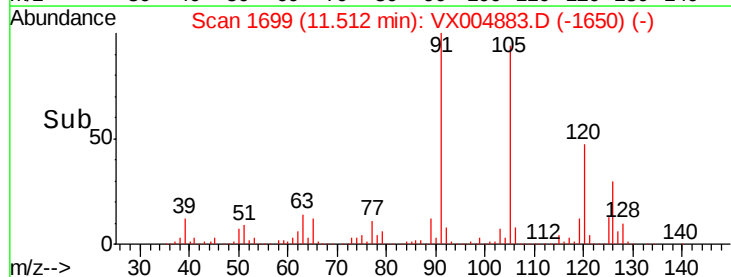
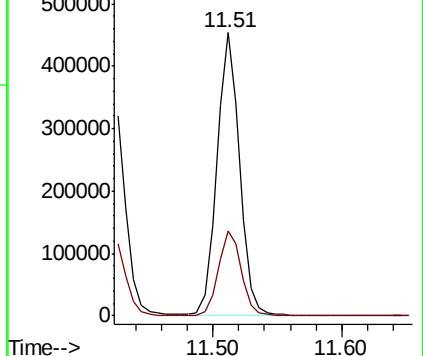
91 100

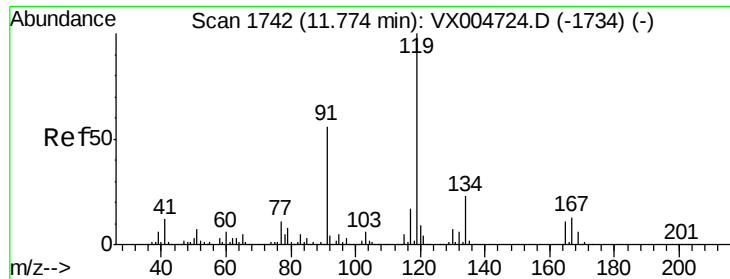
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





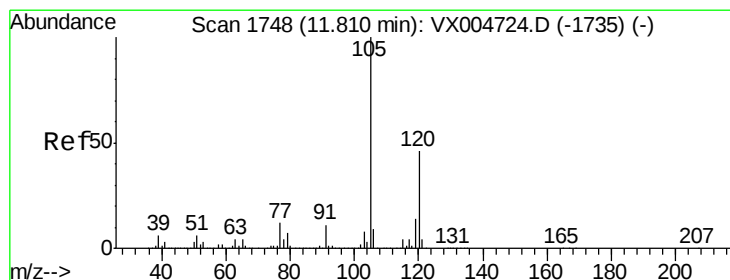
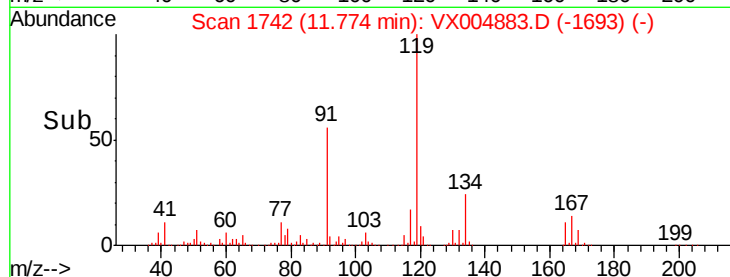
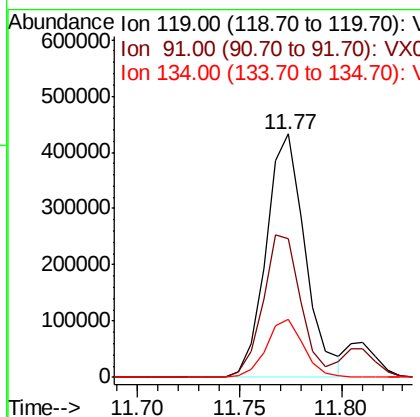
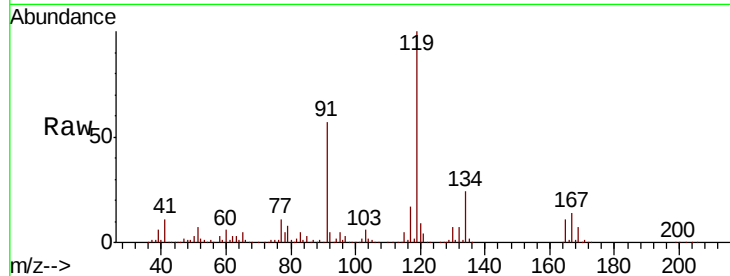
#83
 tert-Butylbenzene
 Concen: 56.715 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	576165		
91	56.2		27.0	81.0
134	22.7		11.7	35.1

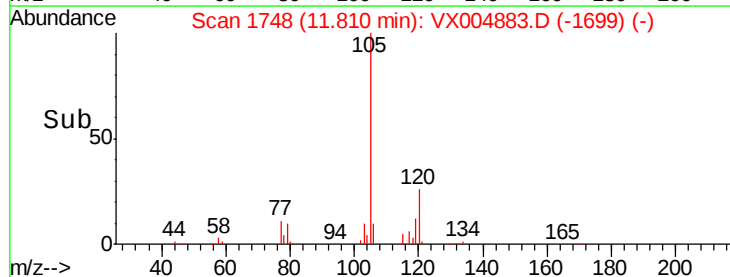
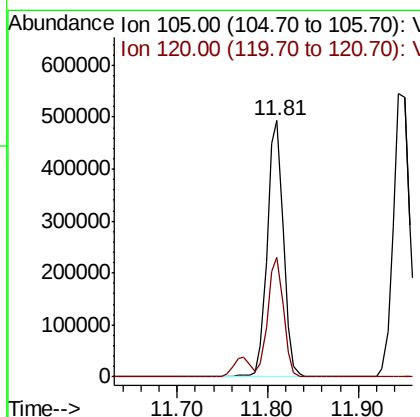
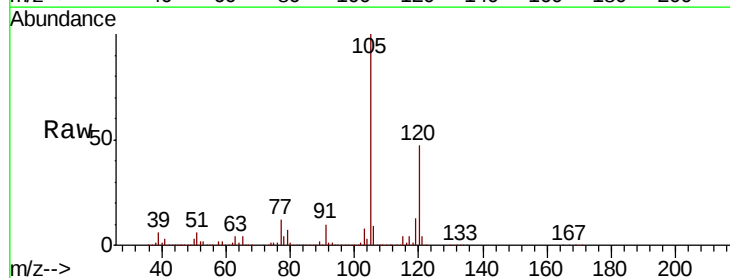
Manual Integrations
 APPROVED

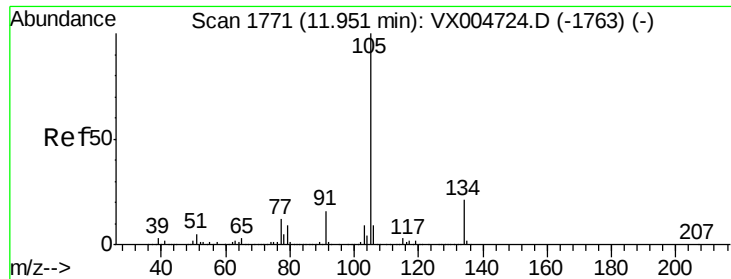
MMDadoda
 10/4/2018 7:07:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.058 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	607040		
120	45.4		23.2	69.6





#85

sec-Butylbenzene

Concen: 56.164 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 694972

Ion Ratio Lower Upper

105 100

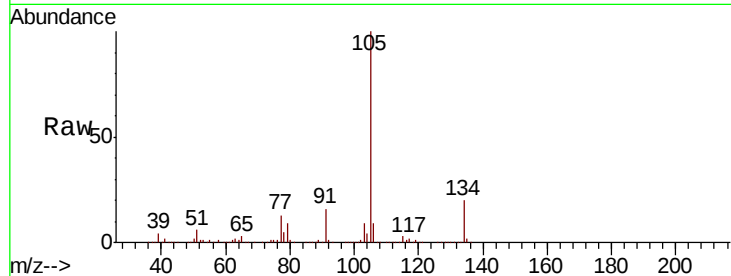
134 20.5 10.5 31.5

Manual Integrations

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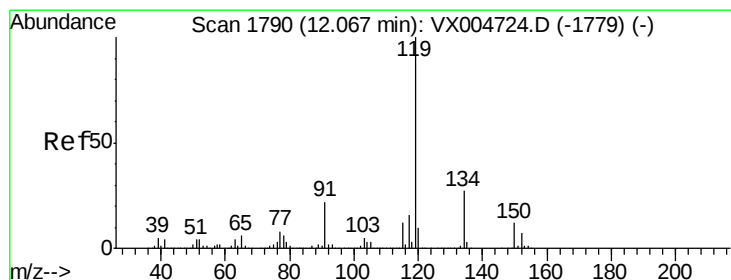
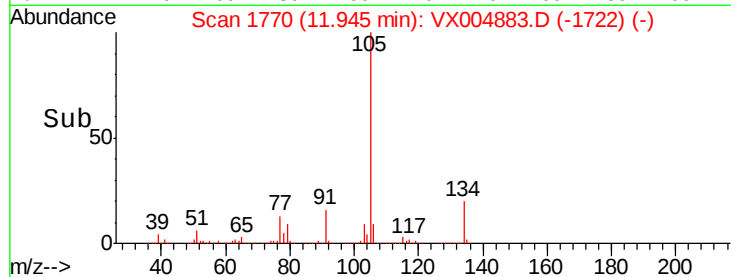
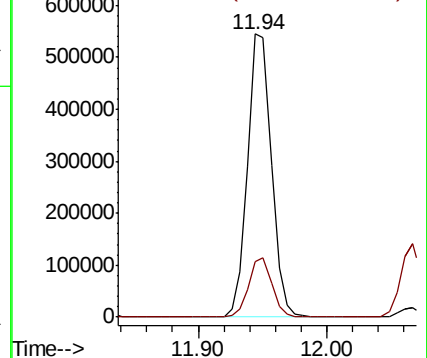
MMDadoda

10/4/2018 7:07:53 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.027 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004883.D

Acq: 01 Oct 2018 20:50

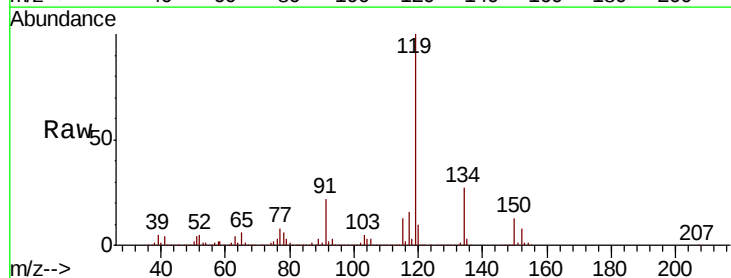
Tgt Ion:119 Resp: 628104

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

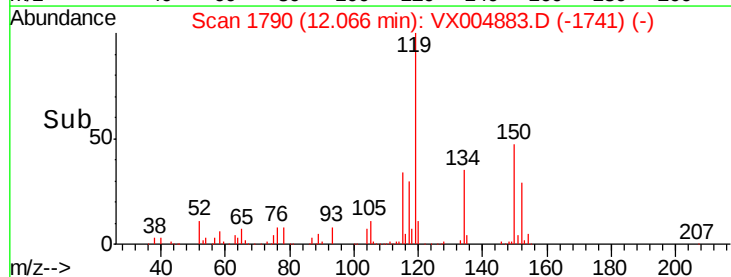
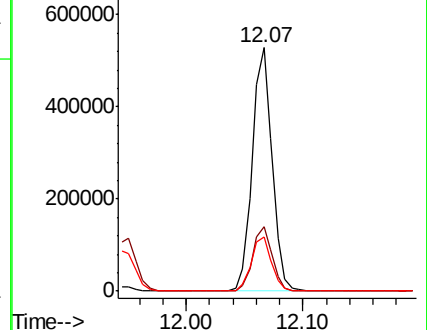
91 22.6 10.9 32.7

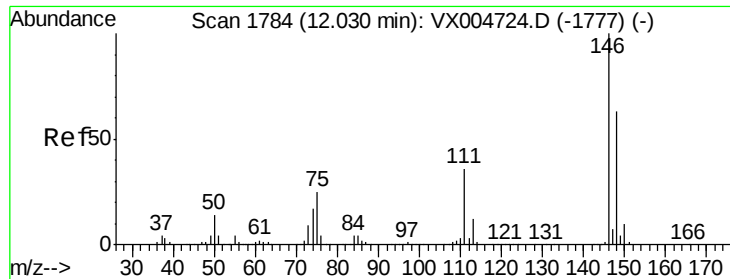


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





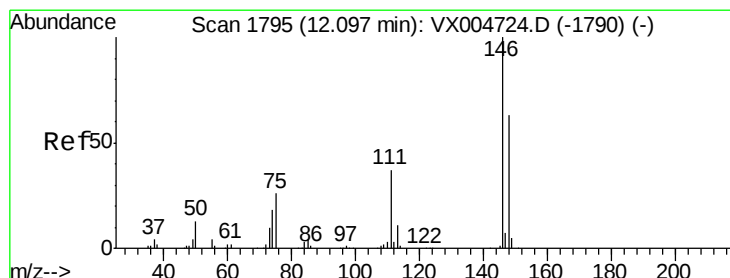
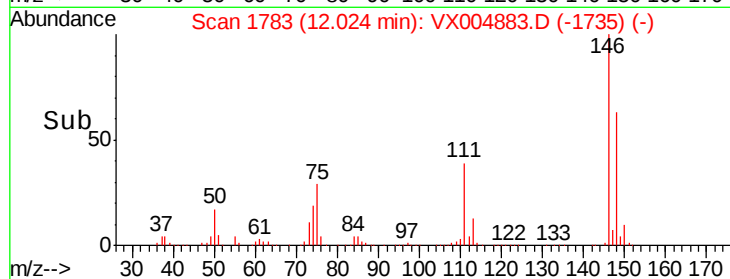
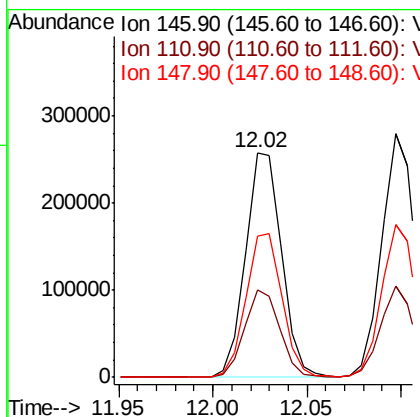
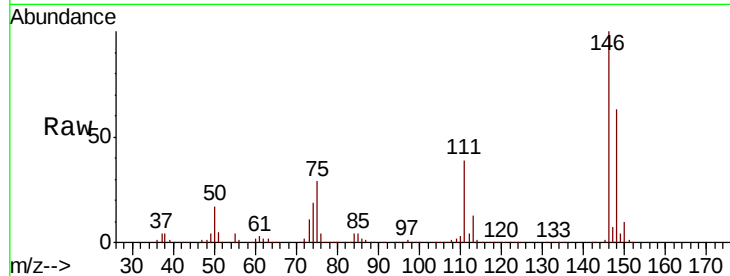
#87
 1,3-Dichlorobenzene
 Concen: 51.181 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.0	32.1	96.5

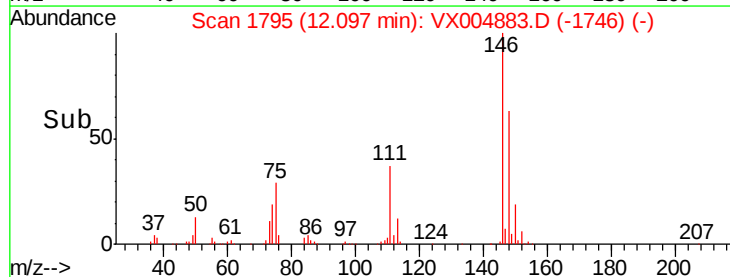
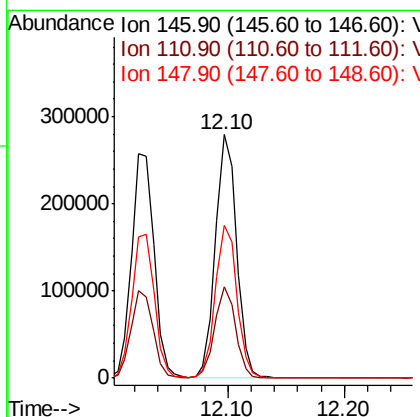
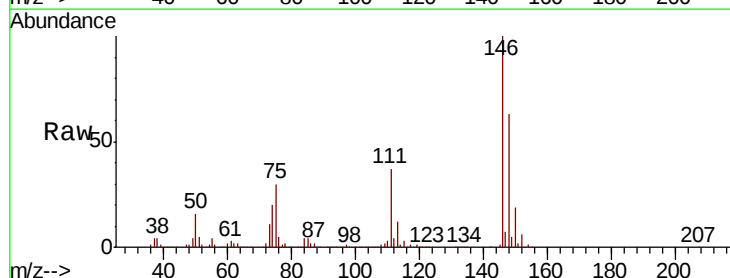
Manual Integrations
 APPROVED

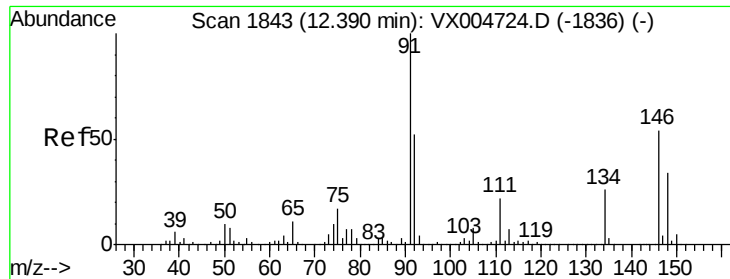
MMDadoda
 10/4/2018 7:07:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.445 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	63.7	32.0	96.0





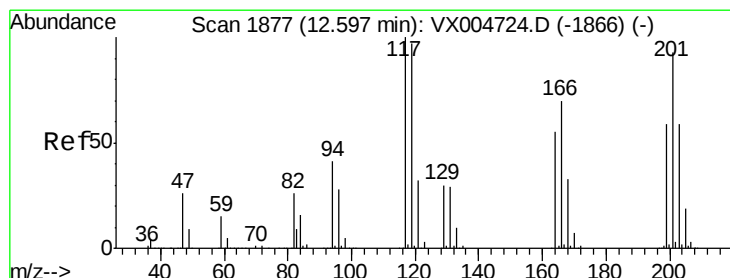
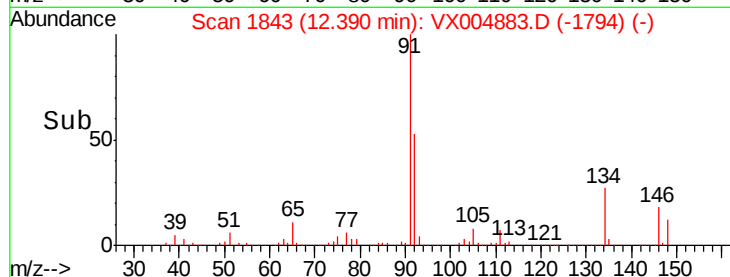
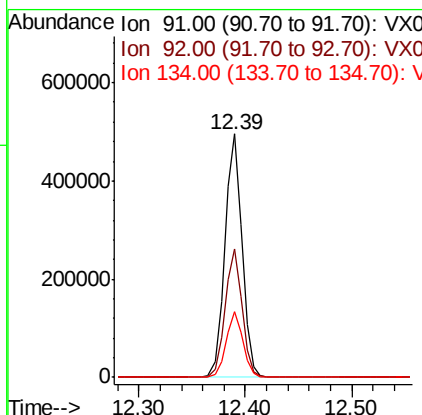
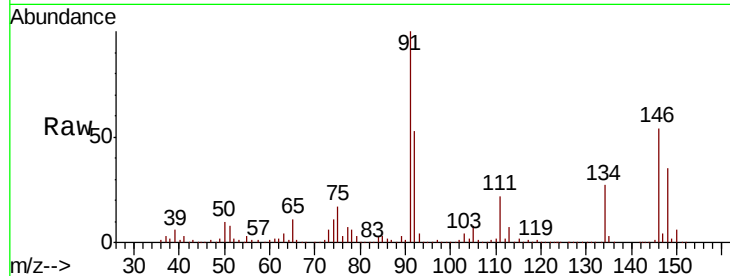
#89
n-Butylbenzene
Concen: 54.824 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	27.3	81.9
134	26.4	13.6	40.7

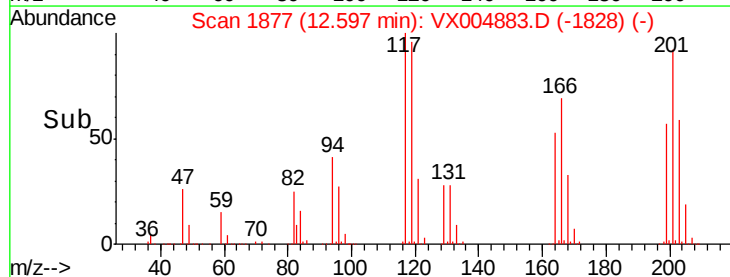
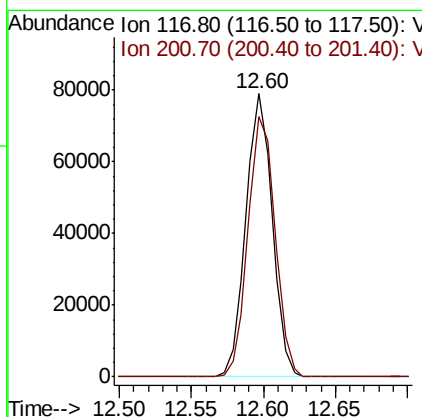
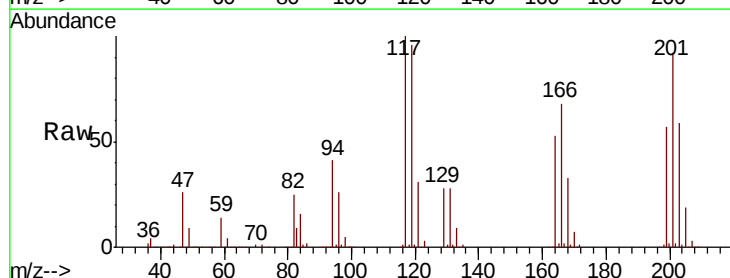
Manual Integrations
APPROVED

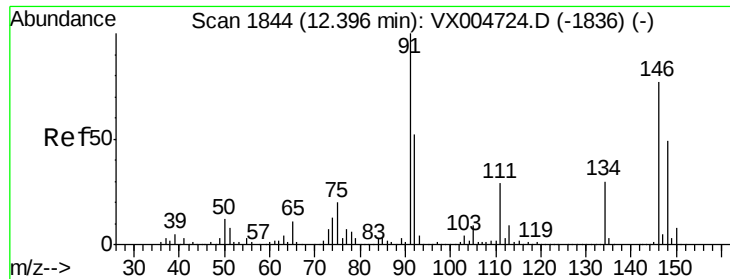
MMDadoda
10/4/2018 7:07:53 PM



#90
Hexachloroethane
Concen: 53.530 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.2	46.9	140.6





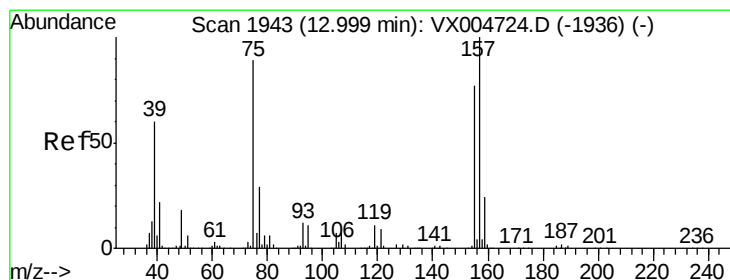
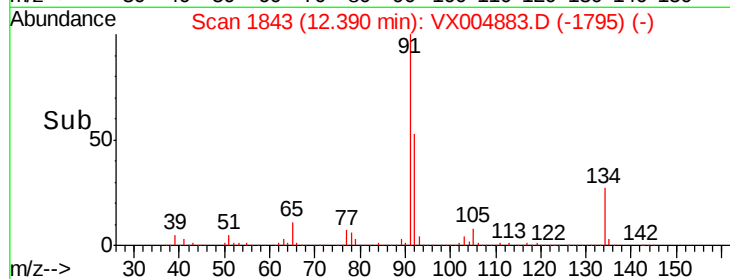
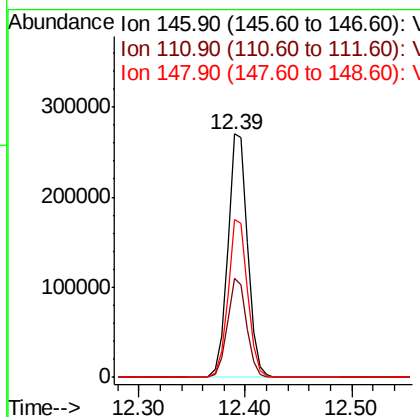
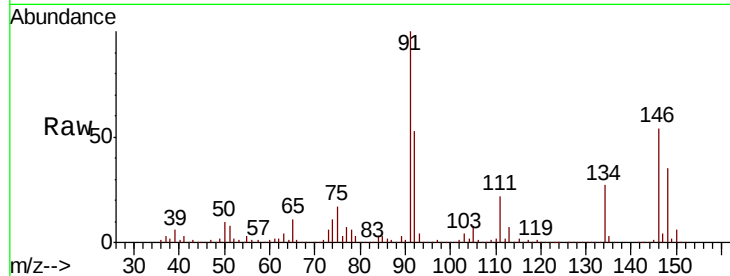
#91
 1,2-Dichlorobenzene
 Concen: 50.042 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.1
148	64.1	32.8	98.3

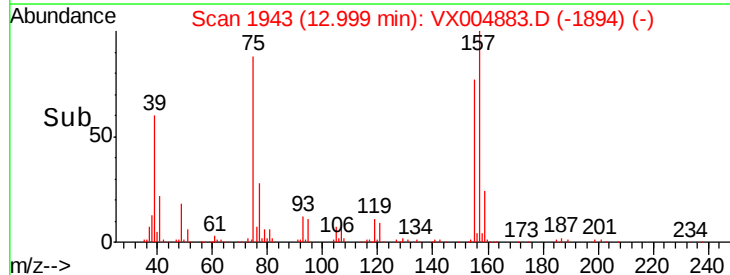
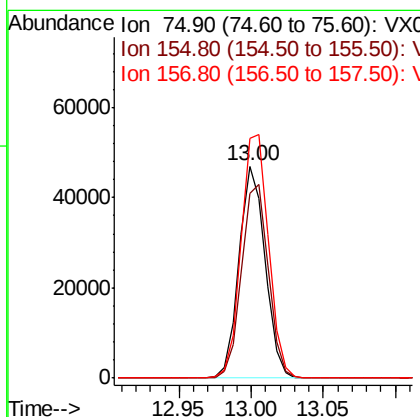
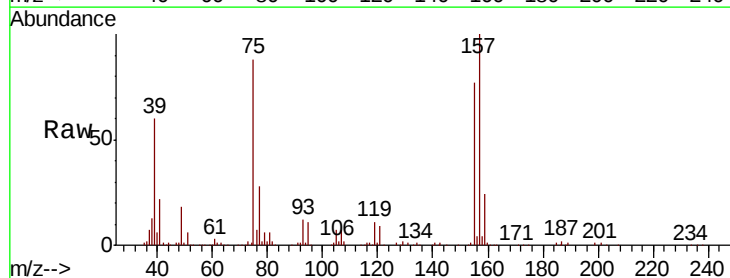
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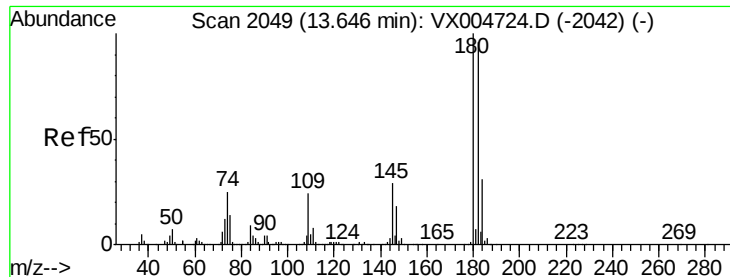
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.733 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	48.0	144.2
157	120.0	61.4	184.1





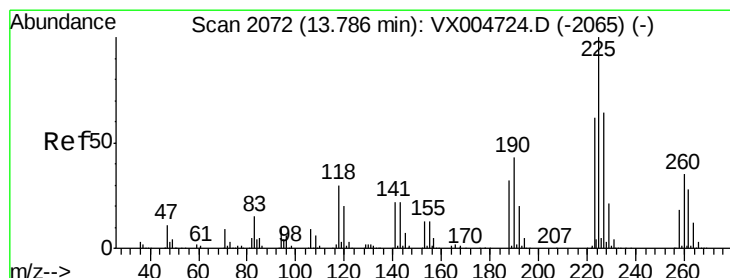
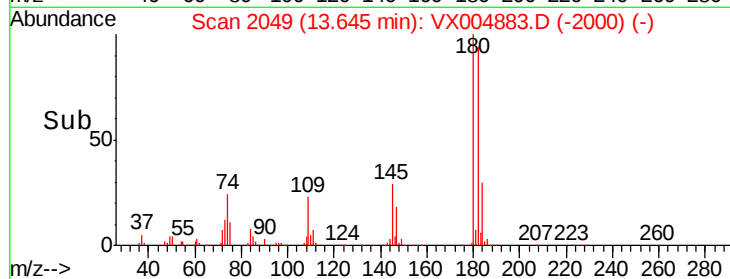
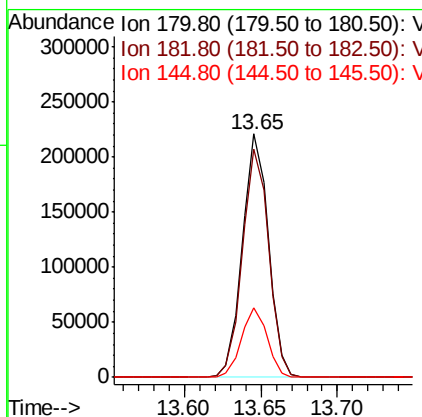
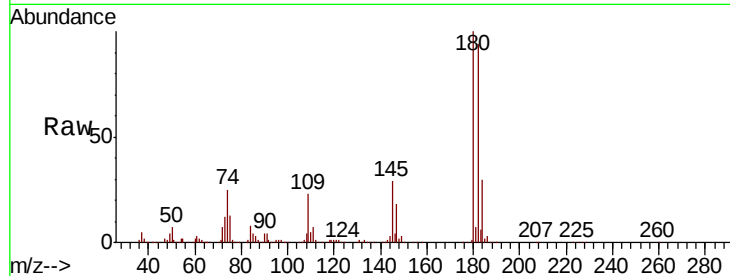
#93
 1,2,4-Trichlorobenzene
 Concen: 53.203 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	261008		
182	94.7	48.4	145.0	
145	28.5	14.3	42.9	

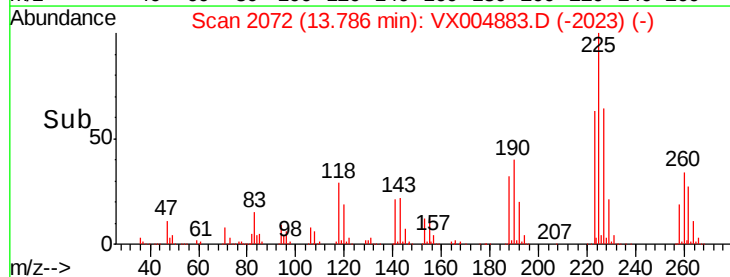
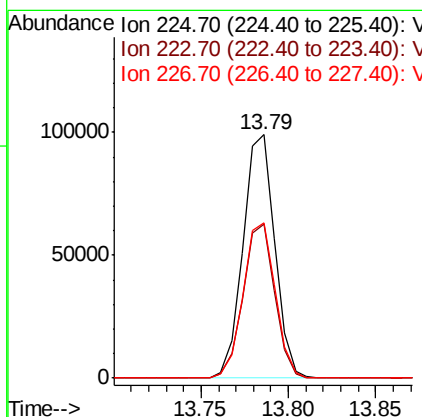
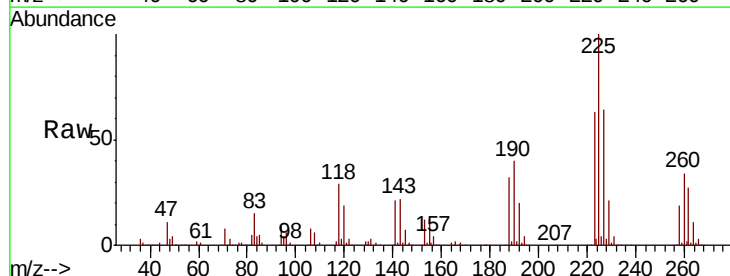
Manual Integrations
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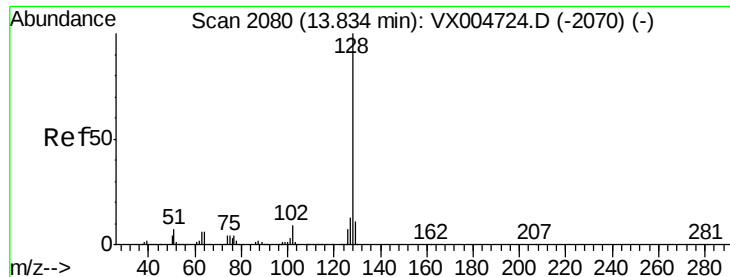
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#94
 Hexachlorobutadiene
 Concen: 49.021 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004883.D
 Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124707		
223	62.7	30.1	90.5	
227	64.4	30.8	92.4	





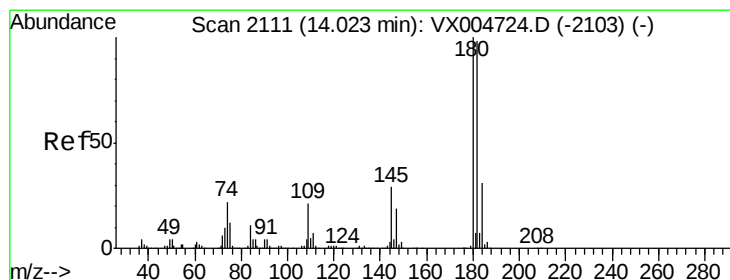
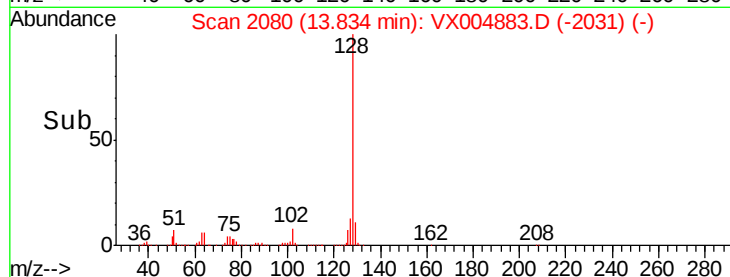
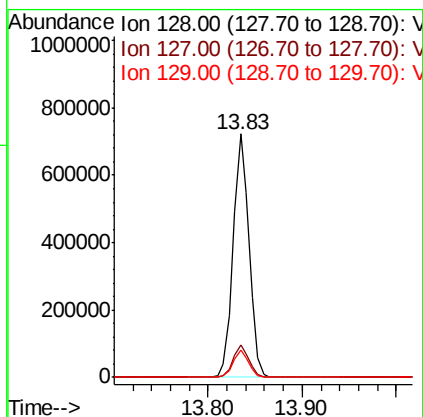
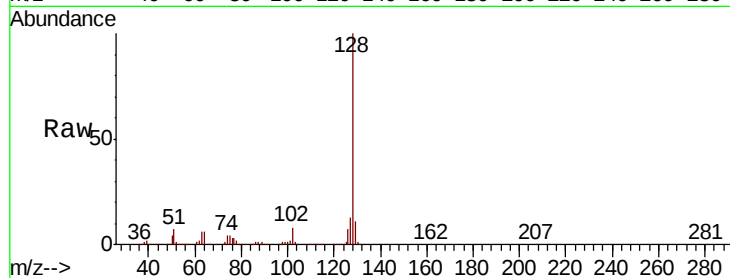
#95
Naphthalene
Concen: 51.822 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.055 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004883.D
Acq: 01 Oct 2018 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	29.8	14.9	44.9

