

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006157.D
 Acq On : 22 Nov 2018 07:09
 Operator : JC/MD
 Sample : J6031-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:08 AM

Quant Time: Nov 22 22:54:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	276620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	417655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	396632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215168	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	174389	54.41	ug/l	0.00
Spiked Amount			Recovery	=	108.82%	
35) Dibromofluoromethane	5.50	113	140817	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	8.71	98	538004	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	11.14	95	195192	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101954	49.598	ug/l	98
3) Chloromethane	1.32	50	130534	50.269	ug/l	99
4) Vinyl Chloride	1.41	62	135013	51.116	ug/l	98
5) Bromomethane	1.64	94	96502	47.690	ug/l	98
6) Chloroethane	1.72	64	83175	64.575	ug/l	99
7) Trichlorofluoromethane	1.93	101	179729	52.015	ug/l	99
8) Diethyl Ether	2.19	74	74354	50.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99157	48.395	ug/l	100
10) Methyl Iodide	2.51	142	133369	51.919	ug/l	99
11) Tert butyl alcohol	3.06	59	150165	220.228	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99567	49.848	ug/l	97
13) Acrolein	2.29	56	96847	237.360	ug/l	99
14) Allyl chloride	2.73	41	204802	50.117	ug/l	99
15) Acrylonitrile	3.15	53	372820	247.545	ug/l	99
16) Acetone	2.45	43	337238	237.099	ug/l	98
17) Carbon Disulfide	2.57	76	295568	54.803	ug/l	98
18) Methyl Acetate	2.78	43	172073	47.175	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	374744	54.279	ug/l	99
20) Methylene Chloride	2.86	84	115918	53.871	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	109634	52.461	ug/l	94
22) Diisopropyl ether	3.87	45	482465	55.152	ug/l	95
23) Vinyl Acetate	3.82	43	1848351	254.678	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214386	52.019	ug/l	99
25) 2-Butanone	4.70	43	645784	244.608	ug/l	99
26) 2,2-Dichloropropane	4.59	77	133567	39.322	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149265	51.103	ug/l	99
28) Bromochloromethane	5.02	49	129988	54.116	ug/l	98
29) Tetrahydrofuran	5.15	42	423569	257.188	ug/l	100
30) Chloroform	5.21	83	255268	51.112	ug/l	96
31) Cyclohexane	5.57	56	219348	50.953	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	220566	54.695	ug/l	99
36) 1,1-Dichloropropene	5.80	75	187054	49.230	ug/l	99
37) Ethyl Acetate	4.85	43	220412	45.088	ug/l	99
38) Carbon Tetrachloride	5.78	117	189622	53.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207837	48.013	ug/l	100
40) Benzene	6.14	78	569348	50.860	ug/l	100
41) Methacrylonitrile	5.06	41	134909	50.078	ug/l	99
42) 1,2-Dichloroethane	6.20	62	210085	50.197	ug/l	99
43) Isopropyl Acetate	6.46	43	344433	48.788	ug/l	99
44) Trichloroethene	7.21	130	152268	48.940	ug/l	97
45) 1,2-Dichloropropane	7.52	63	154949	52.302	ug/l	99
46) Dibromomethane	7.66	93	102090	50.319	ug/l	99
47) Bromodichloromethane	7.90	83	197299	52.579	ug/l	99
48) Methyl methacrylate	7.77	41	195087	54.487	ug/l	99
49) 1,4-Dioxane	7.75	88	69053	812.916	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1292391	255.357	ug/l	100
52) Toluene	8.79	92	364557	52.651	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200446	51.190	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	210956	48.733	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	152516	50.861	ug/l	97
56) Ethyl methacrylate	9.18	69	226706	48.632	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252764	51.138	ug/l	100
59) 2-Hexanone	9.49	43	1013048	252.218	ug/l	99
60) Dibromochloromethane	9.58	129	157442	53.552	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160140	51.837	ug/l	99
64) Tetrachloroethene	9.34	164	135404	41.484	ug/l	99
65) Chlorobenzene	10.14	112	409949	50.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146693	52.519	ug/l	100
67) Ethyl Benzene	10.25	91	704077	52.854	ug/l	100
68) m/p-Xylenes	10.36	106	546057	105.270	ug/l	100
69) o-Xylene	10.70	106	262276	52.934	ug/l	99
70) Stvrene	10.71	104	438048	54.221	ug/l	100
71) Bromoform	10.86	173	128961	51.580	ug/l	98
73) Isopropylbenzene	11.02	105	711985	54.689	ug/l	100
74) N-amyl acetate	10.90	43	300247	45.453	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	251158	51.191	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228601m	51.605	ug/l	
77) Bromobenzene	11.26	156	189620	51.993	ug/l	99
78) n-propylbenzene	11.36	91	820444	54.113	ug/l	99
79) 2-Chlorotoluene	11.42	91	483837	52.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	597824	54.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60744	46.378	ug/l	100
82) 4-Chlorotoluene	11.51	91	570140	53.263	ug/l	99
83) tert-Butylbenzene	11.77	119	606876	56.634	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	619902	55.366	ug/l	99
85) sec-Butylbenzene	11.94	105	715270	54.571	ug/l	99
86) p-Isopropyltoluene	12.07	119	630626	53.964	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	345426	51.369	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349672	50.161	ug/l	99
89) n-Butylbenzene	12.39	91	545375	51.545	ug/l	99
90) Hexachloroethane	12.60	117	105891	56.782	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	350860	51.035	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57173	50.219	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	249435	51.504	ug/l	99

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VTW-02MS

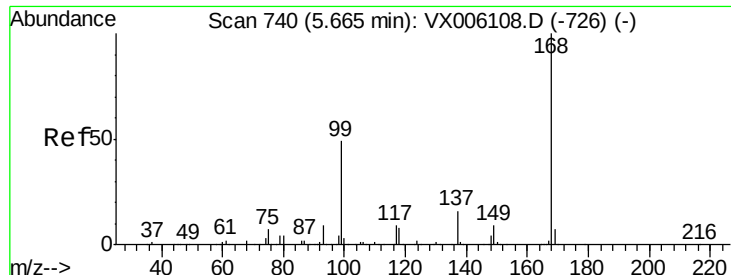
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	114750	48.616	ug/l	99
95) Naphthalene	13.83	128	817601	57.411	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252967	51.235	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampled :

VTW-02MS

Tot Ion:168 Resp: 276620

Ion Ratio Lower Upper

168 100

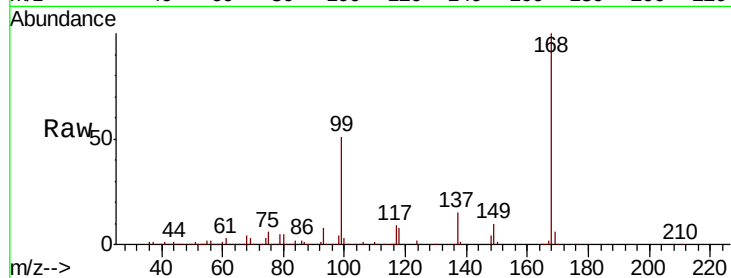
99 50.7 39.2 58.8

Manual Integrations

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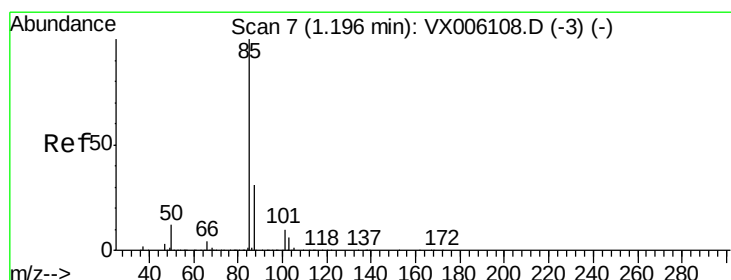
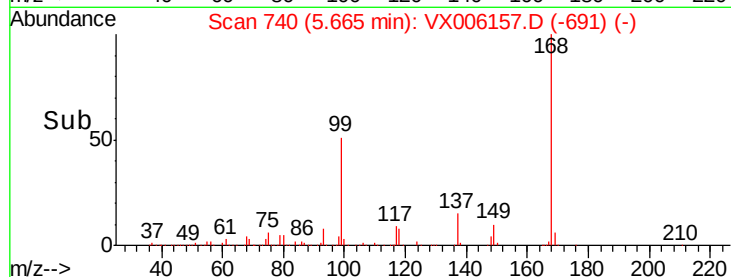
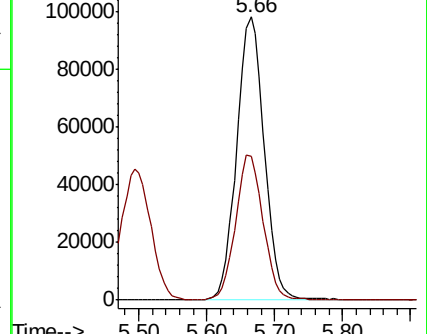
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.598 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006157.D

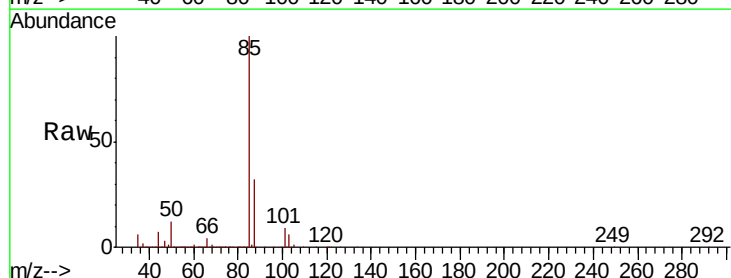
Acq: 22 Nov 2018 07:09

Tgt Ion: 85 Resp: 101954

Ion Ratio Lower Upper

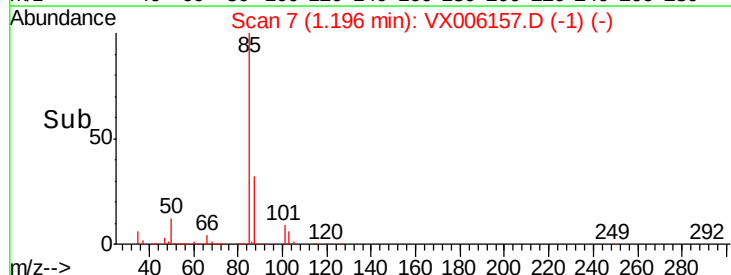
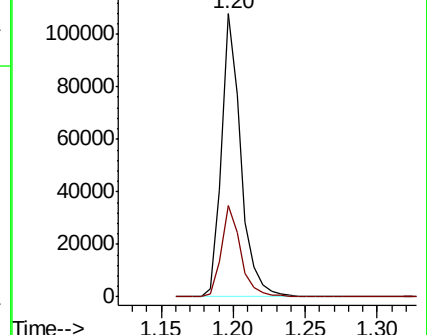
85 100

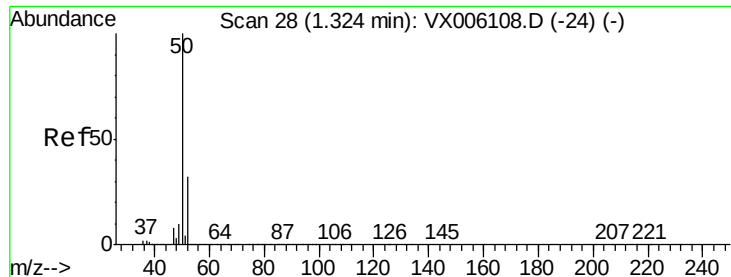
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.269 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 50 Resp: 130534

Ion Ratio Lower Upper

50 100

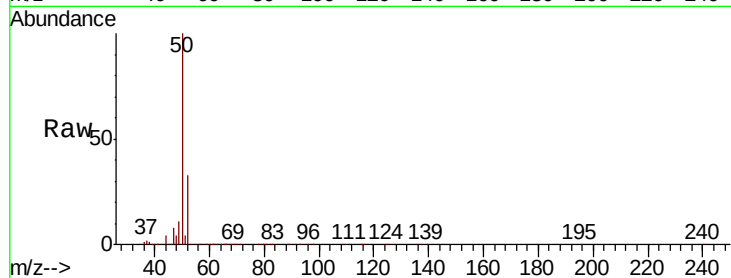
52 32.8 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

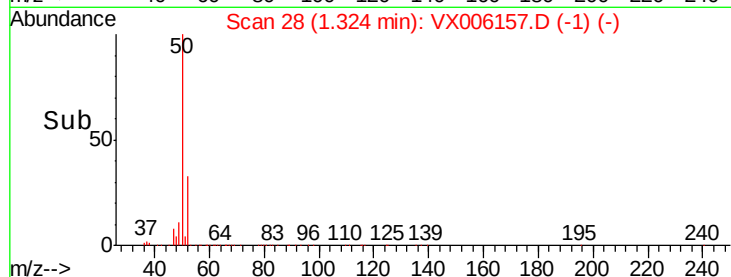
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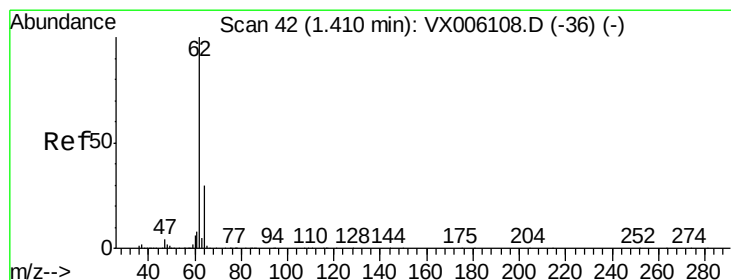
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 51.116 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006157.D

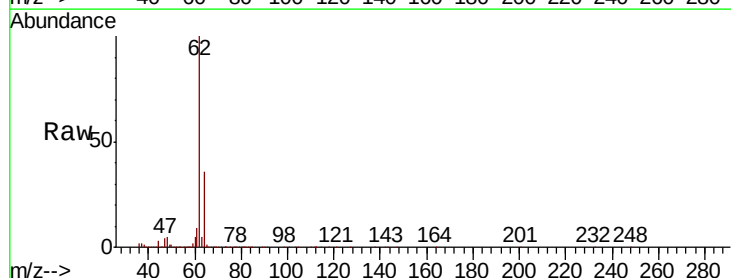
Acq: 22 Nov 2018 07:09

Tgt Ion: 62 Resp: 135013

Ion Ratio Lower Upper

62 100

64 31.6 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

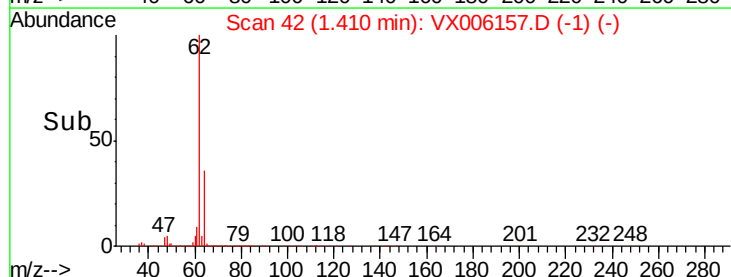
150000

100000

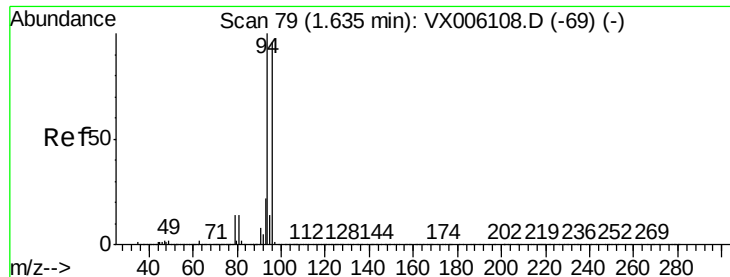
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 47.690 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 94 Resp: 96502

Ion Ratio Lower Upper

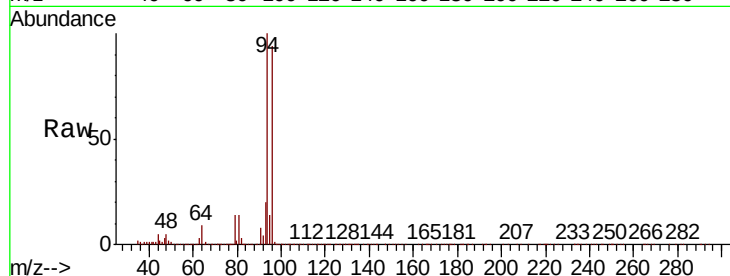
94 100

96 93.7 76.7 115.1

Manual Integrations
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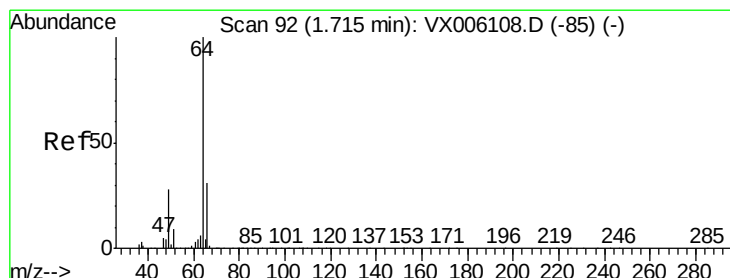
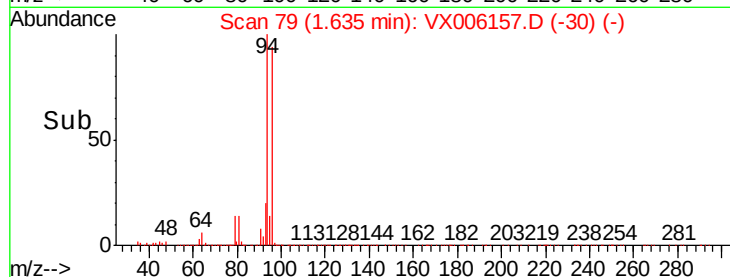
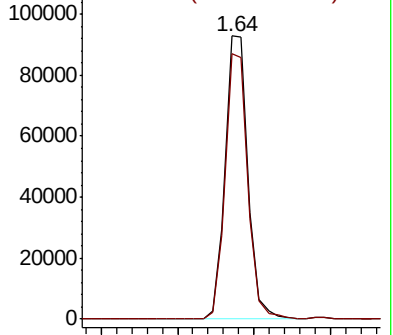
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 64.575 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006157.D

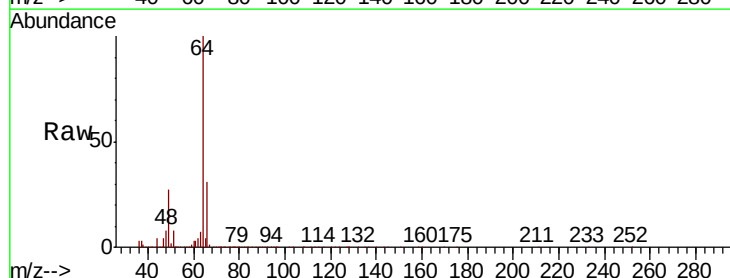
Acq: 22 Nov 2018 07:09

Tgt Ion: 64 Resp: 83175

Ion Ratio Lower Upper

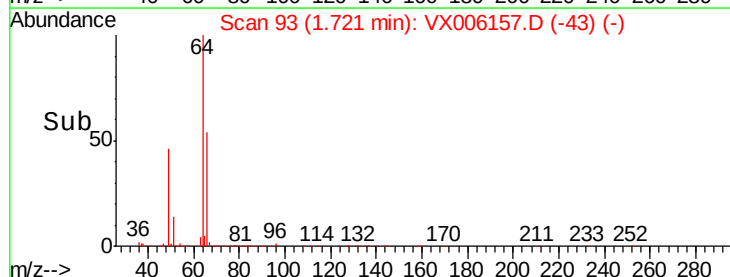
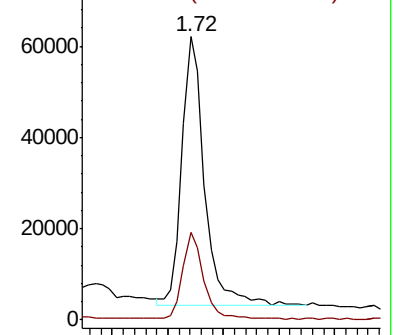
64 100

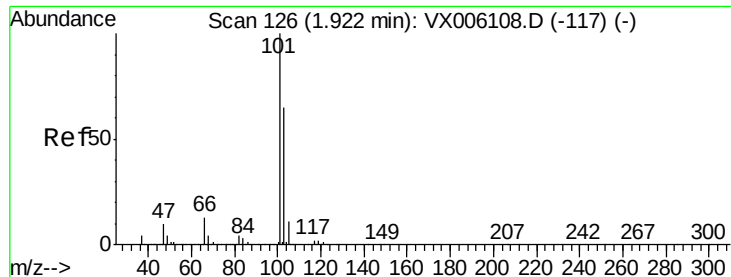
66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

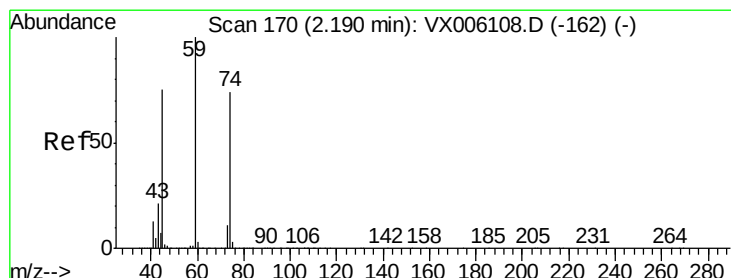
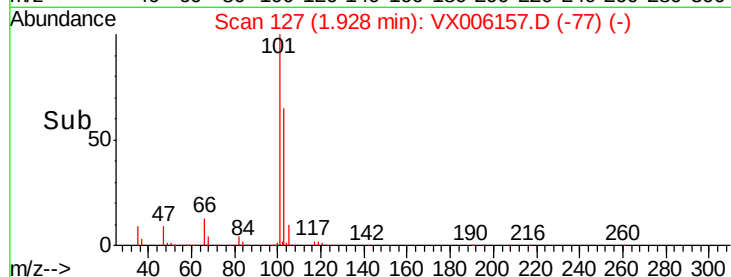
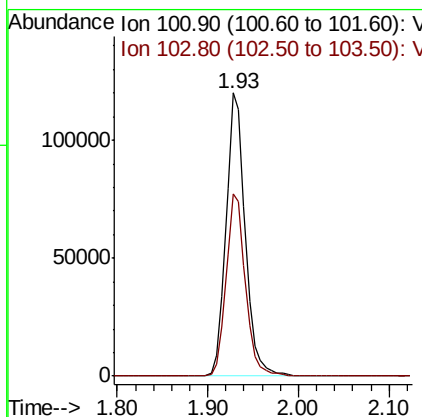
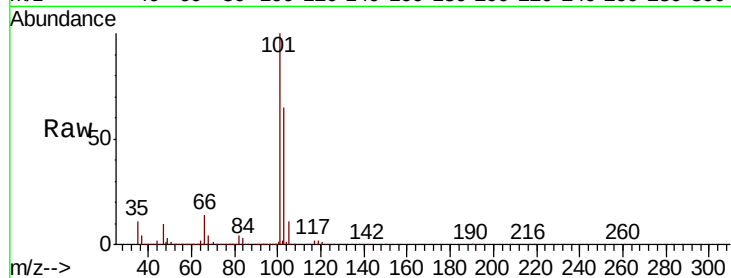
Trichlorofluoromethane
Concen: 52.015 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
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VTW-02MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.1	78.1

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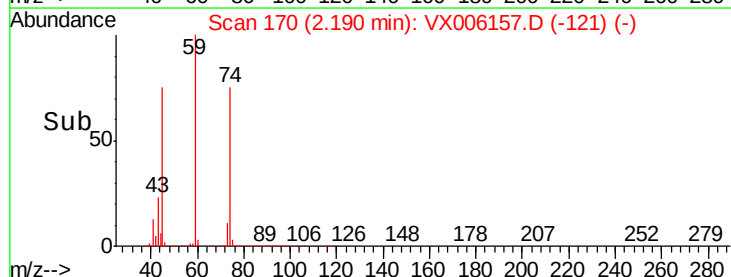
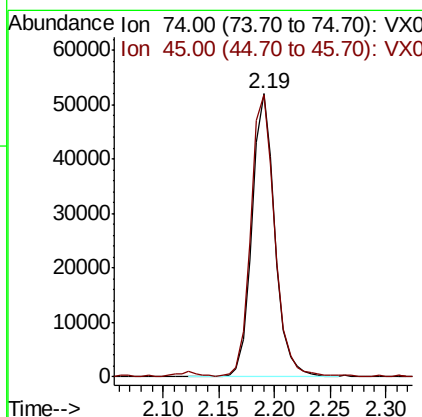
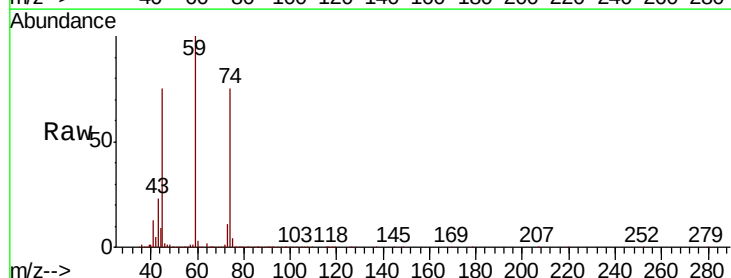
MMDadoda
11/26/2018 9:49:08 AM

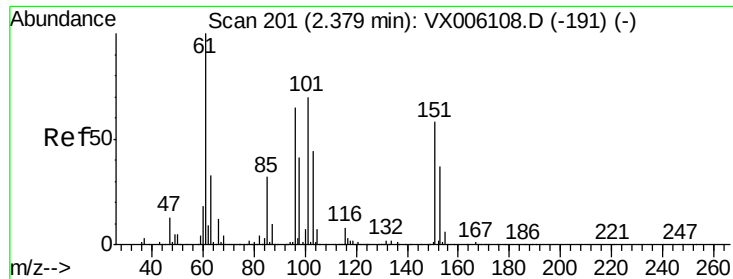


#8

Diethyl Ether
Concen: 50.906 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.395 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

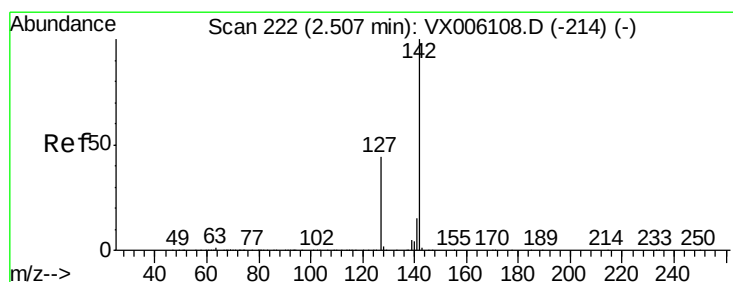
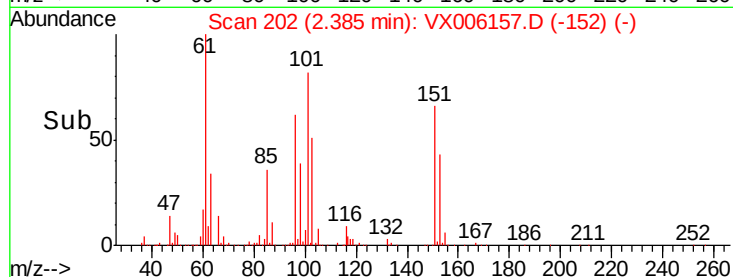
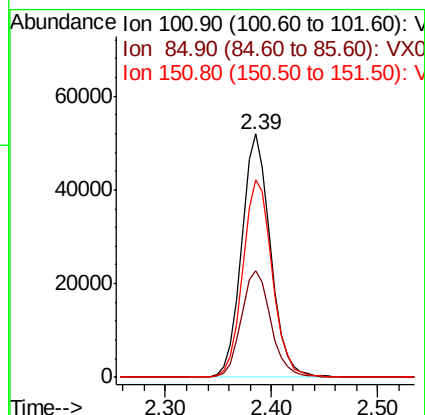
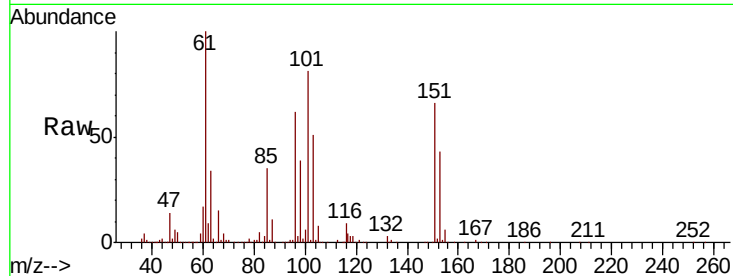
ClientSampleId :

VTW-02MS

Tot Ion:	101	Resp:	99157
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.0	54.0
151	82.8	65.8	98.6

Manual Integrations
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MMDadoda
11/26/2018 9:49:08 AM



#10

Methyl Iodide

Concen: 51.919 ug/l

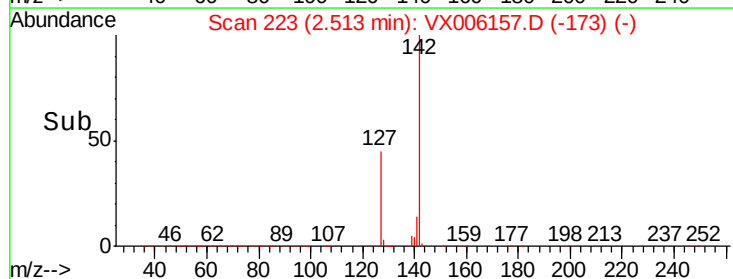
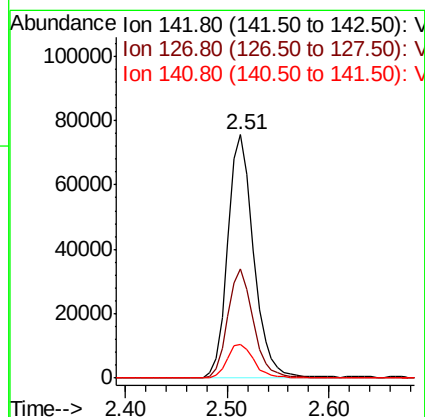
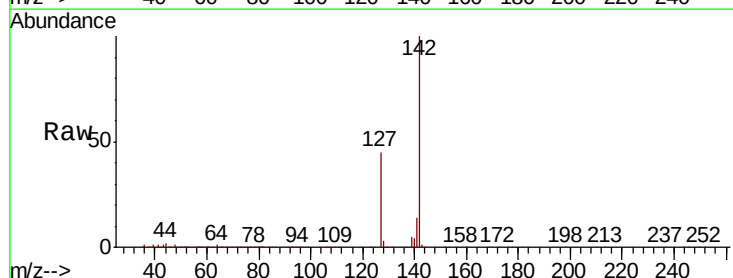
RT: 2.51 min Scan# 223

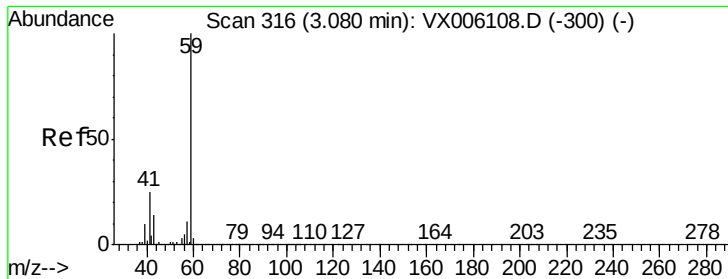
Delta R.T. 0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	142	Resp:	133369
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.0	54.0
141	14.3	11.7	17.5





#11

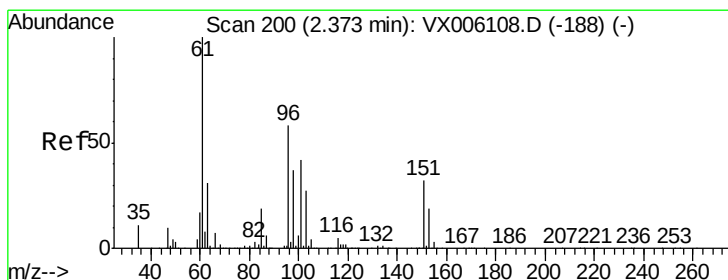
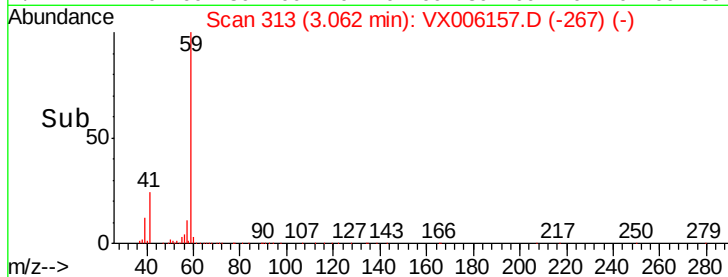
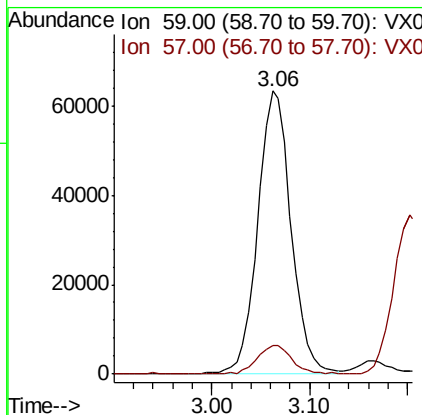
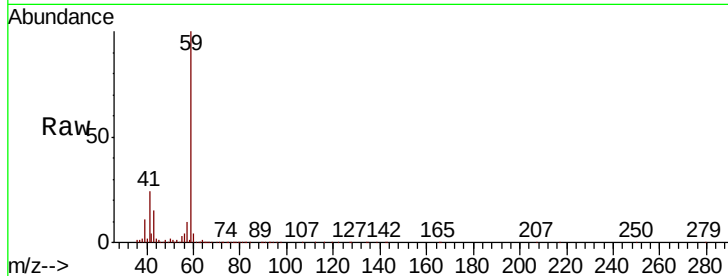
Tert butyl alcohol
Concen: 220.228 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.7	13.1

Manual Integrations
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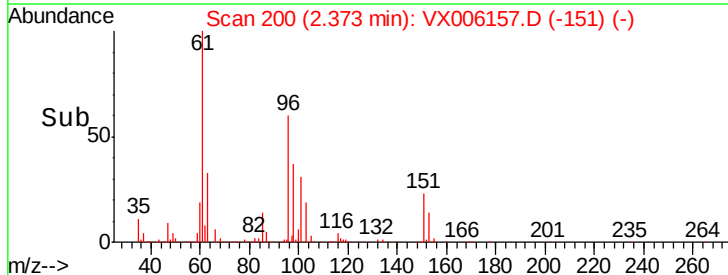
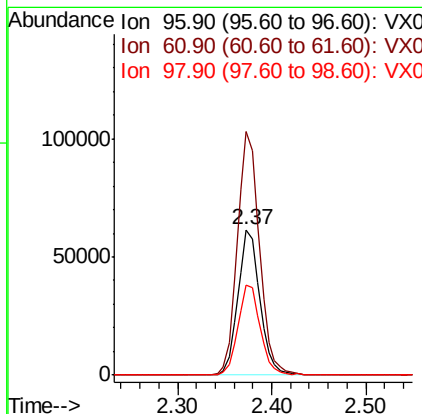
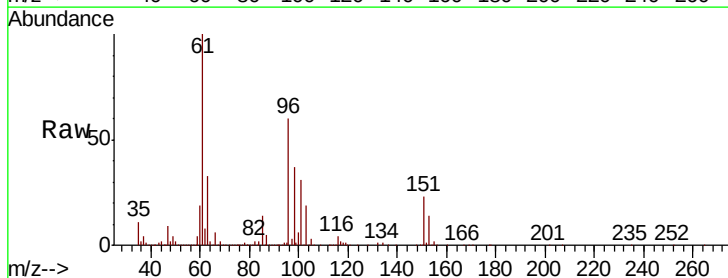
MMDadoda
11/26/2018 9:49:08 AM

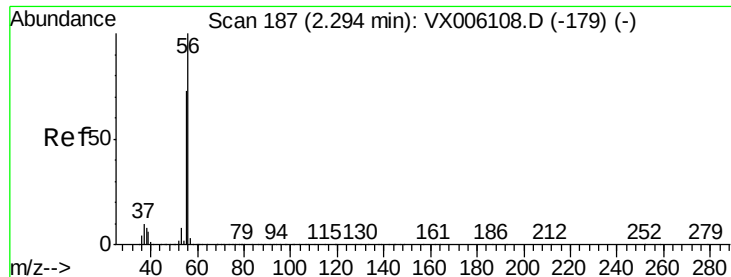


#12

1,1-Dichloroethene
Concen: 49.848 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	138.2	207.4
98	62.3	51.3	76.9





#13

Acrolein

Concen: 237.360 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 56 Resp: 96847

Ion Ratio Lower Upper

56 100

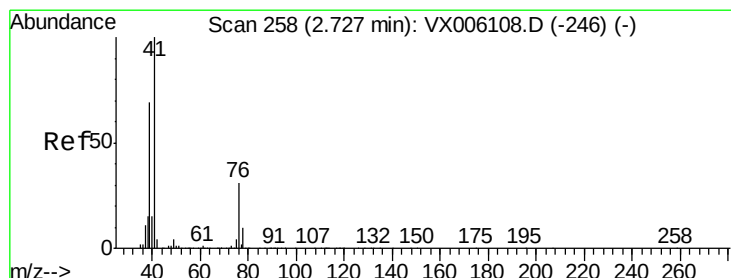
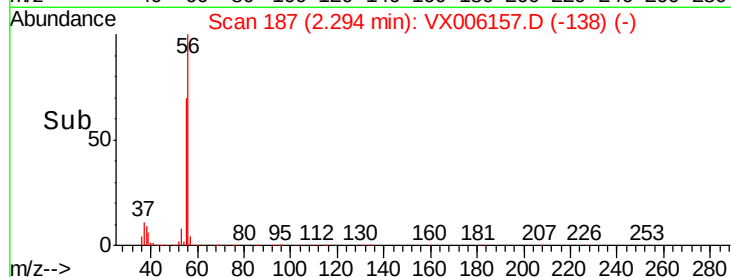
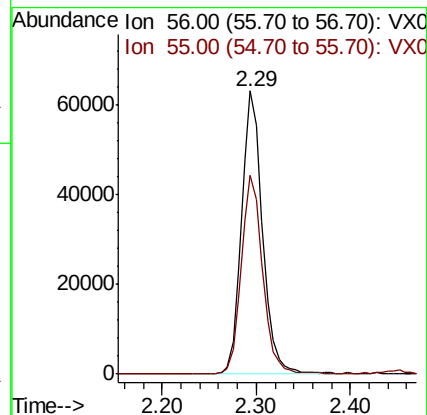
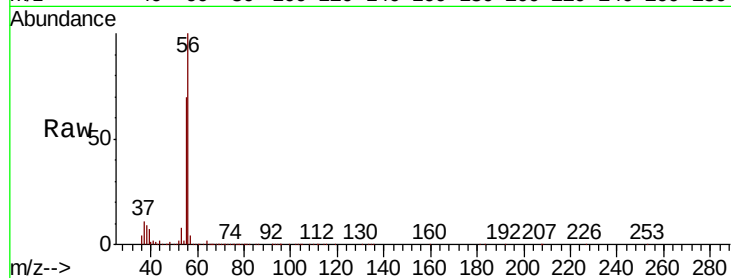
55 71.4 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 50.117 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

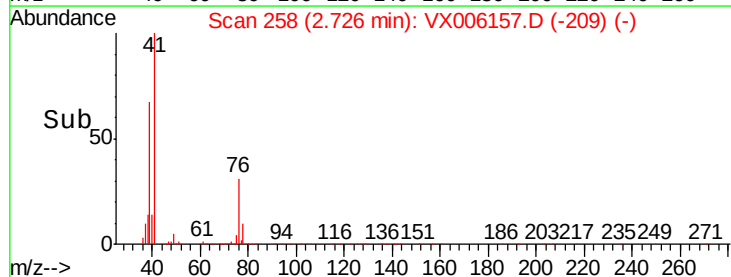
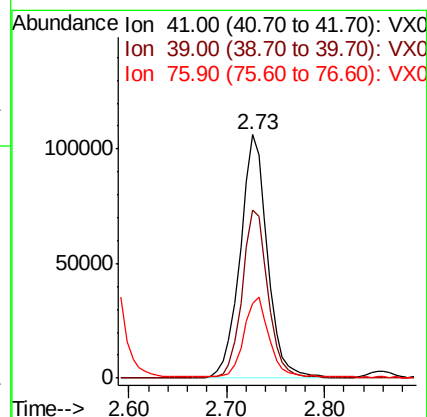
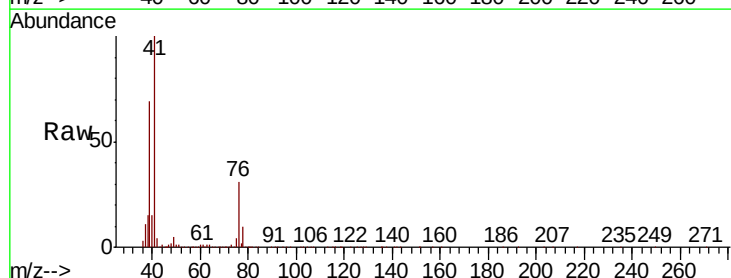
Tgt Ion: 41 Resp: 204802

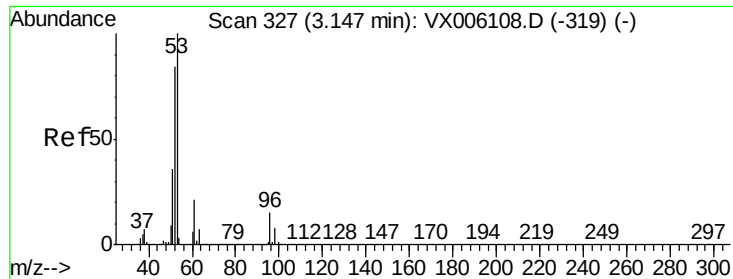
Ion Ratio Lower Upper

41 100

39 65.1 52.5 78.7

76 30.6 23.4 35.2





#15

Acrylonitrile

Concen: 247.545 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

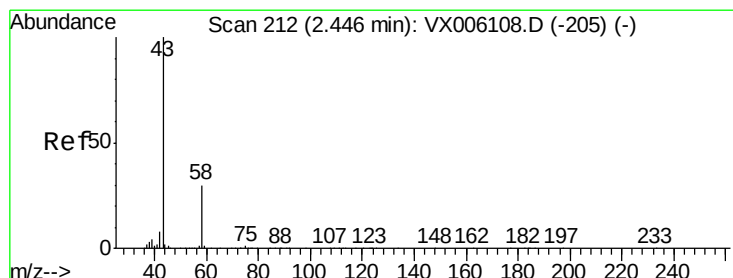
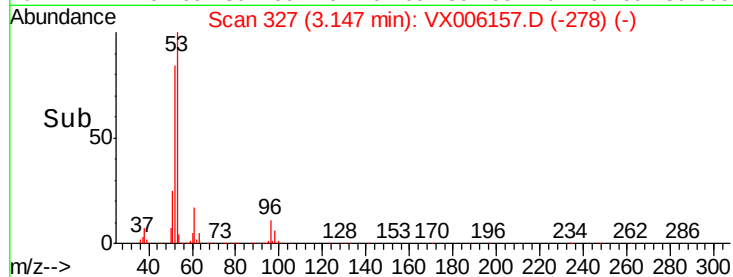
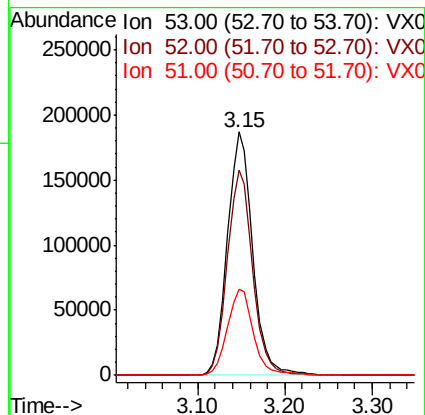
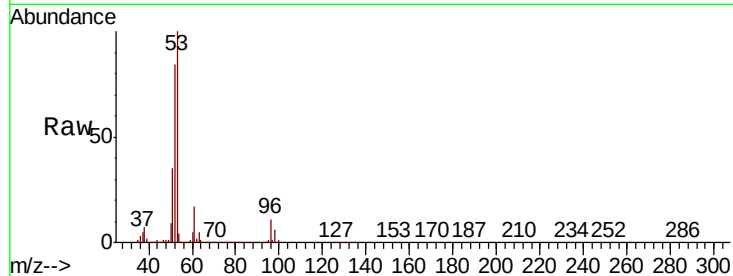
ClientSampleId :

VTW-02MS

Tot Ion:	53	Resp:	372820
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.4	99.6
51	36.4	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 237.099 ug/l

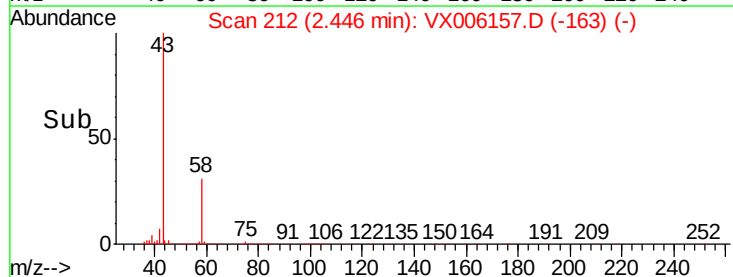
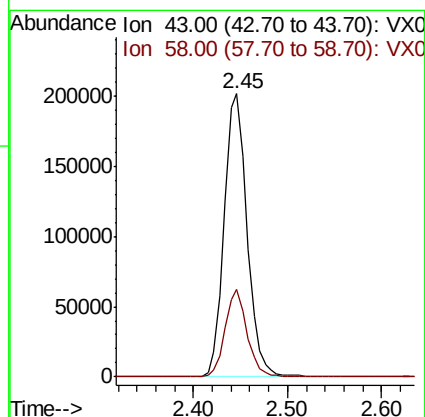
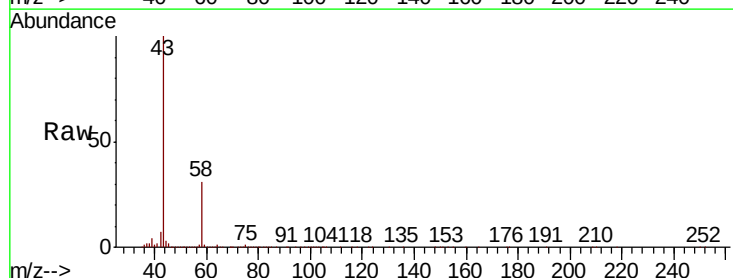
RT: 2.45 min Scan# 212

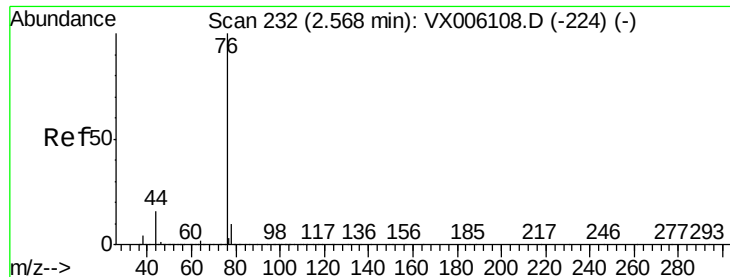
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	43	Resp:	337238
Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.8





#17

Carbon Disulfide

Concen: 54.803 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 76 Resp: 295568

Ion Ratio Lower Upper

76 100

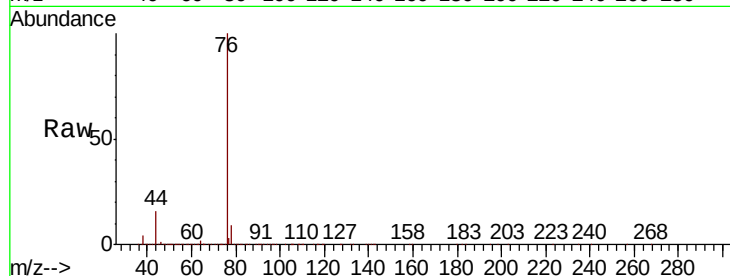
78 8.8 7.7 11.5

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

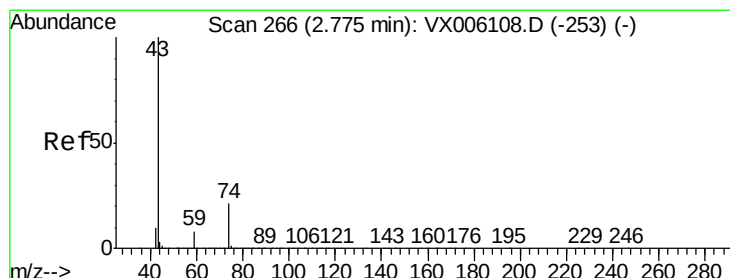
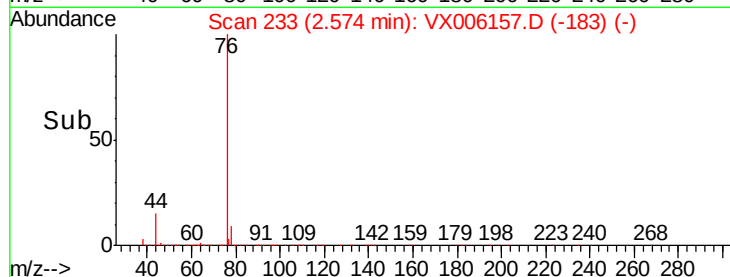
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 47.175 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006157.D

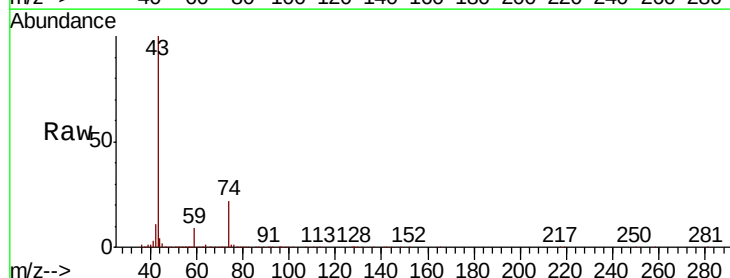
Acq: 22 Nov 2018 07:09

Tgt Ion: 43 Resp: 172073

Ion Ratio Lower Upper

43 100

74 21.8 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

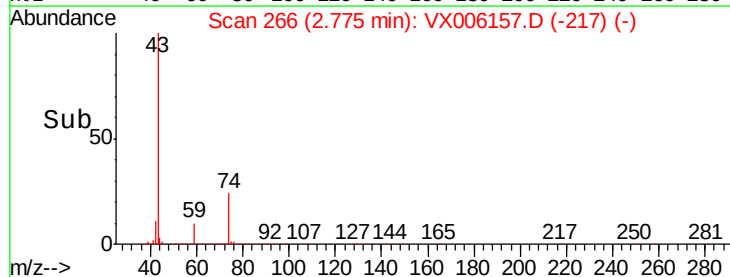
40000

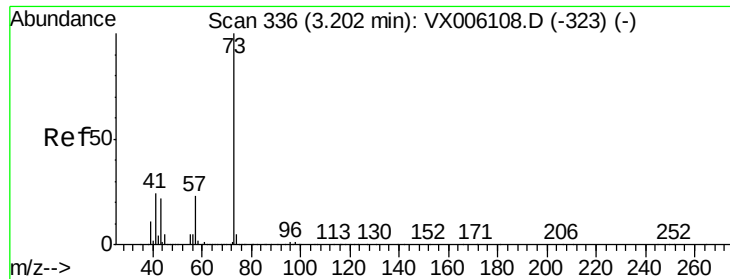
20000

0

2.70 2.80

Time-->





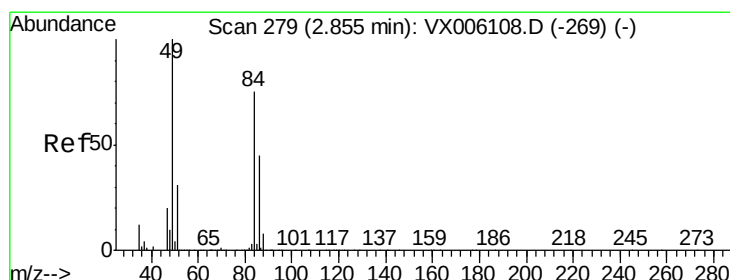
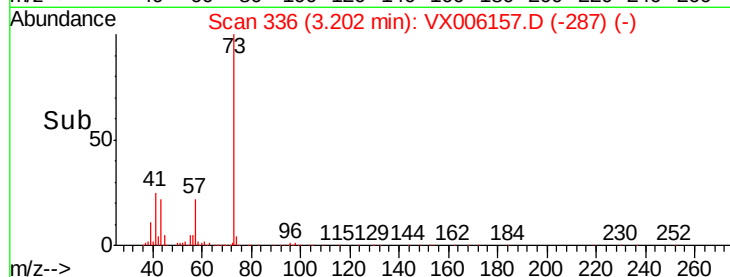
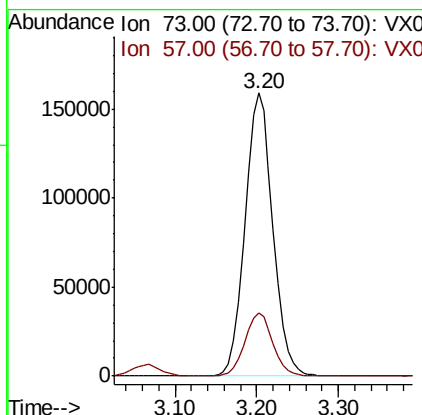
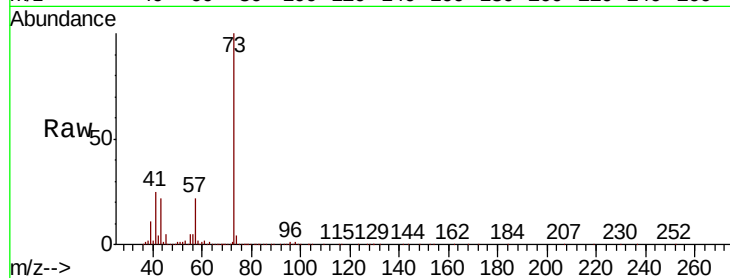
#19
Methyl tert-butyl Ether
Concen: 54.279 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.2	27.4

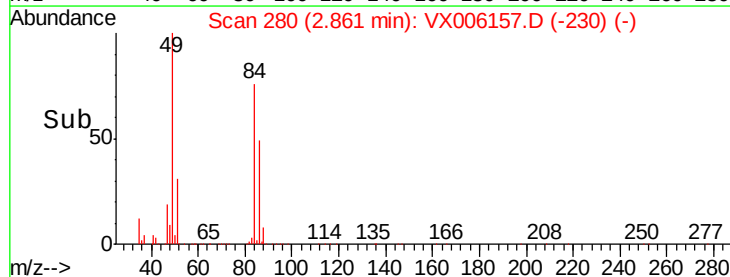
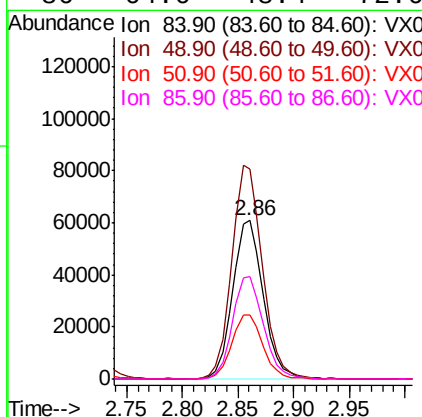
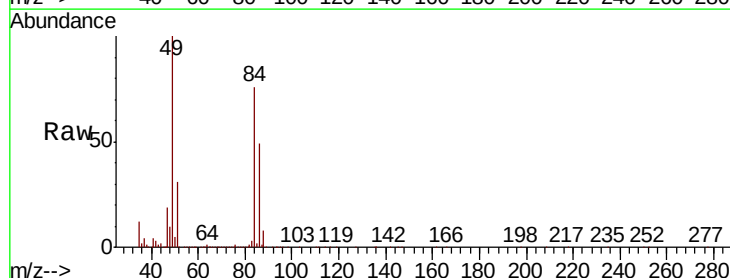
Manual Integrations
APPROVED

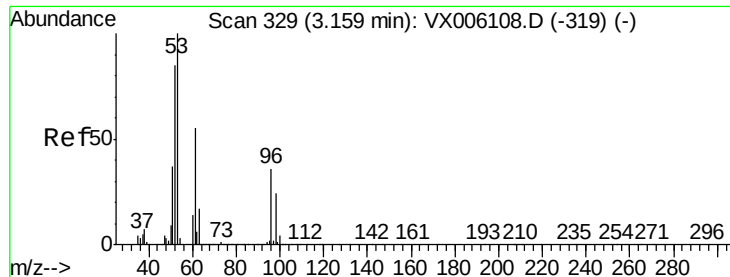
MMDadoda
11/26/2018 9:49:08 AM



#20
Methylene Chloride
Concen: 53.871 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	106.6	159.8
51	40.6	32.6	49.0
86	64.6	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 52.461 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

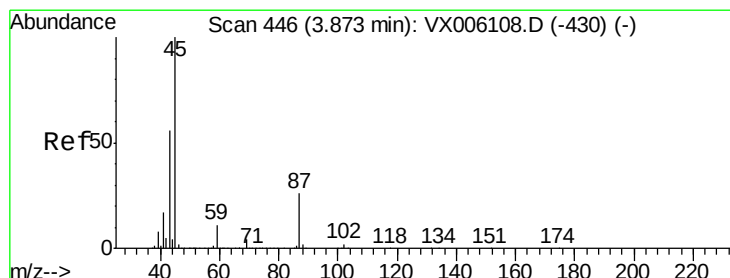
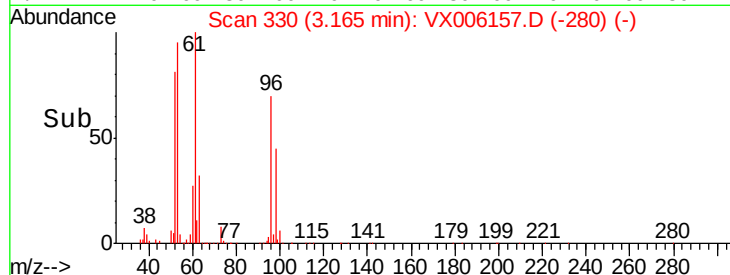
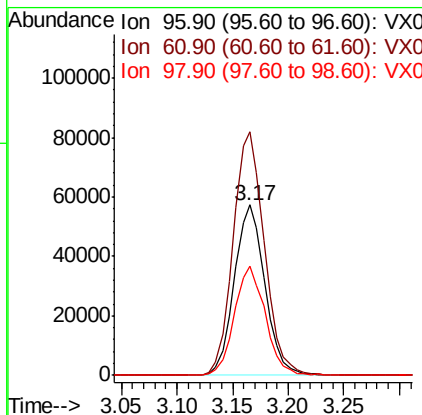
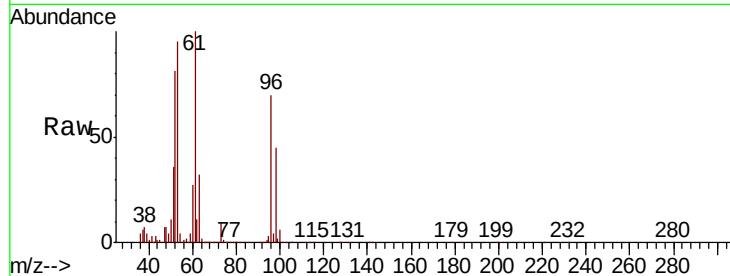
ClientSampled :

VTW-02MS

Tot Ion:	96	Resp:	109634
Ion	Ratio	Lower	Upper
96	100		
61	142.7	122.0	183.0
98	64.5	52.7	79.1

Manual Integrations
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11/26/2018 9:49:08 AM



#22

Diisopropyl ether

Concen: 55.152 ug/l

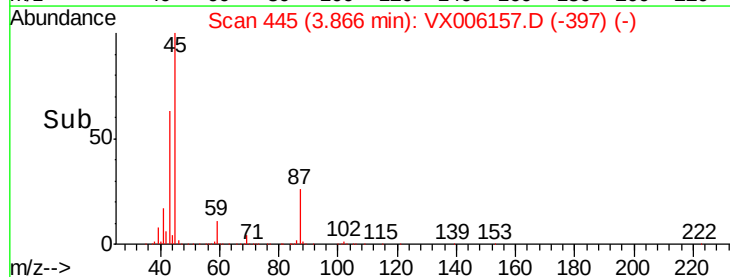
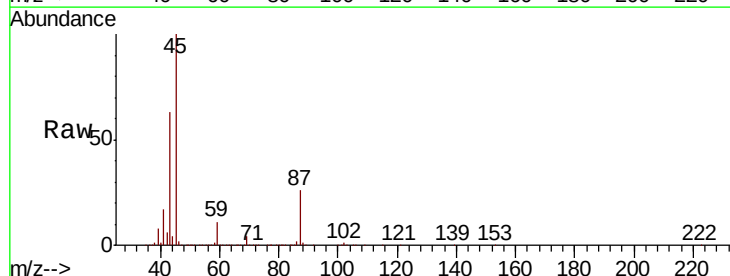
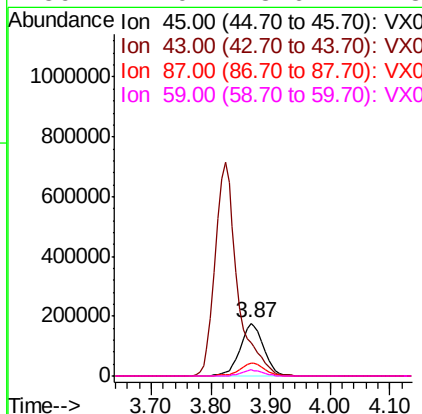
RT: 3.87 min Scan# 445

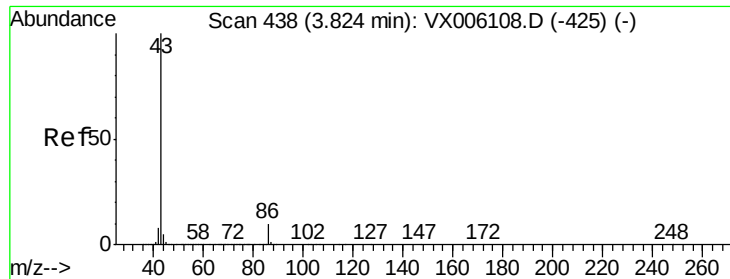
Delta R.T. -0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	45	Resp:	482465
Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.8	68.8
87	25.6	21.0	31.4
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 254.678 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 43 Resp: 1848351

Ion Ratio Lower Upper

43 100

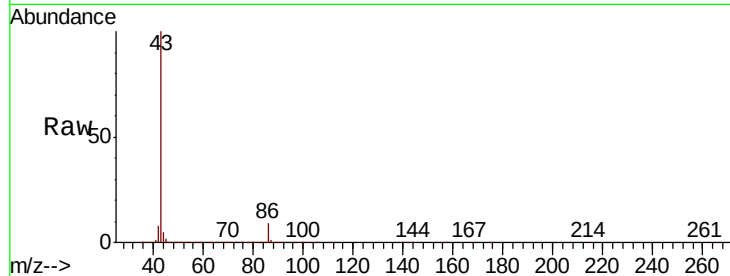
86 9.3 7.6 11.4

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

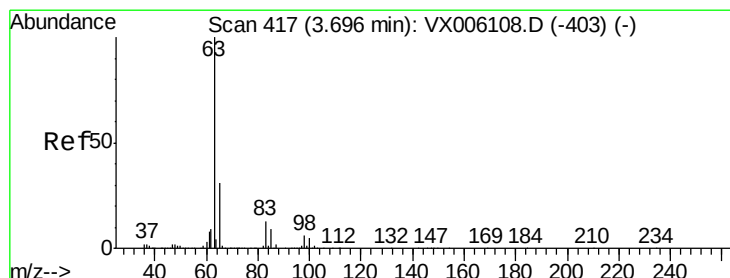
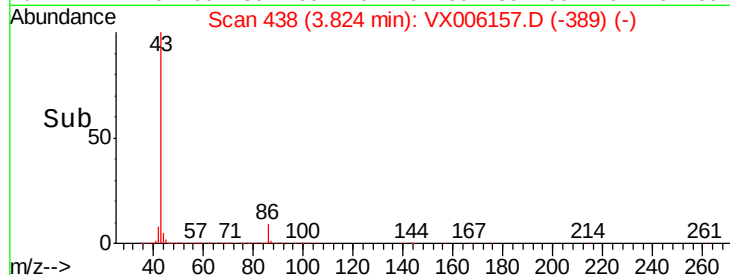
200000

0

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 52.019 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

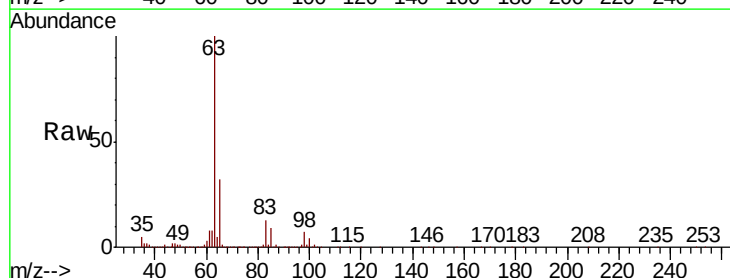
Tgt Ion: 63 Resp: 214386

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 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

120000

100000

80000

60000

40000

20000

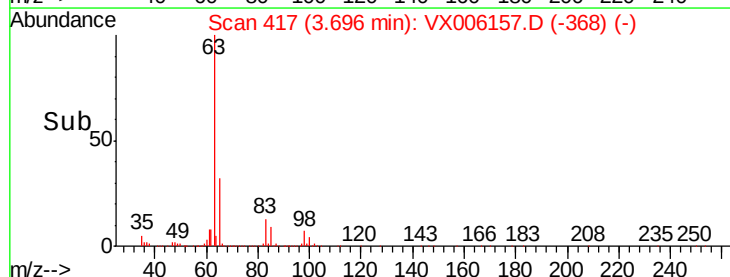
0

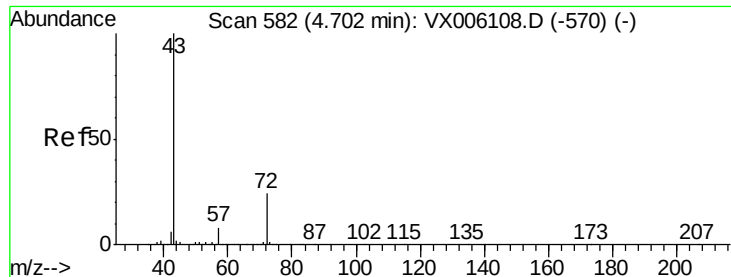
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 244.608 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampled :

VTW-02MS

Tot Ion: 43 Resp: 645784

Ion Ratio Lower Upper

43 100

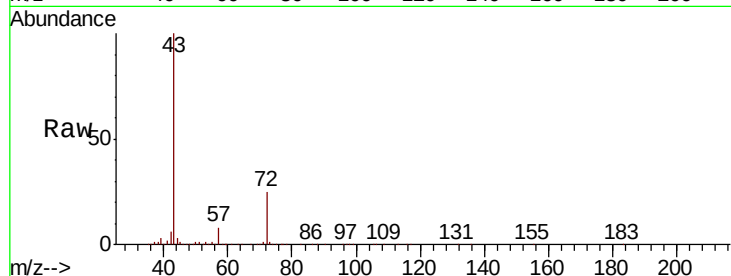
72 24.5 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

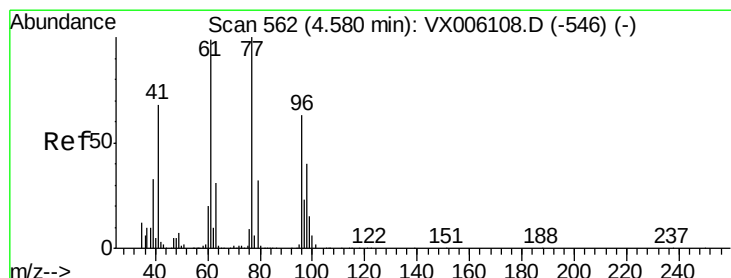
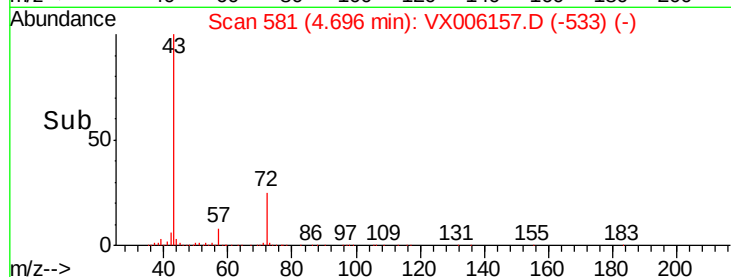
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.322 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX006157.D

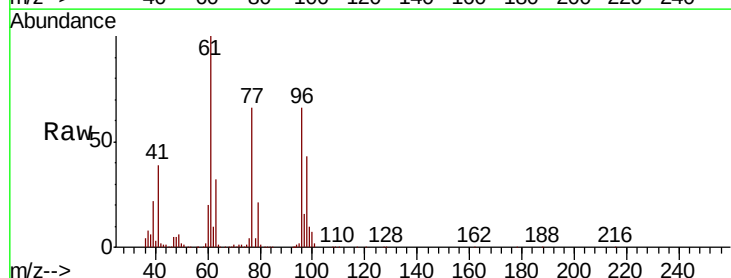
Acq: 22 Nov 2018 07:09

Tgt Ion: 77 Resp: 133567

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

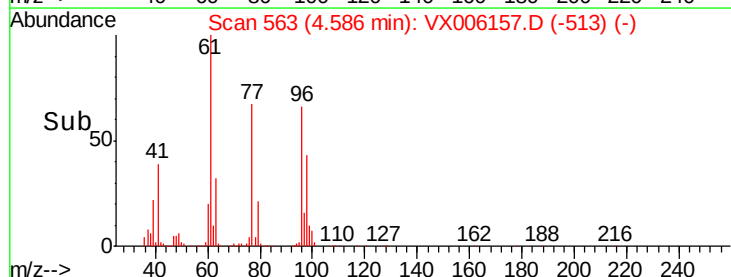
20000

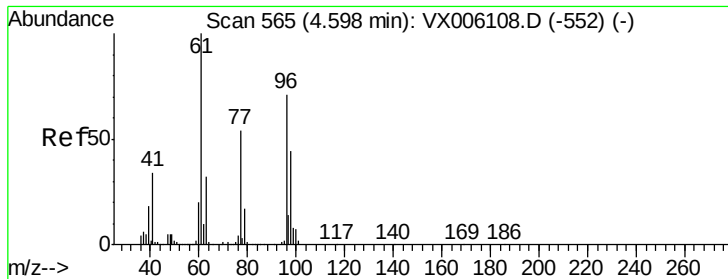
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

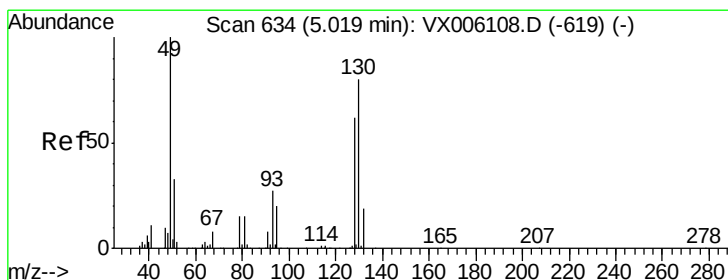
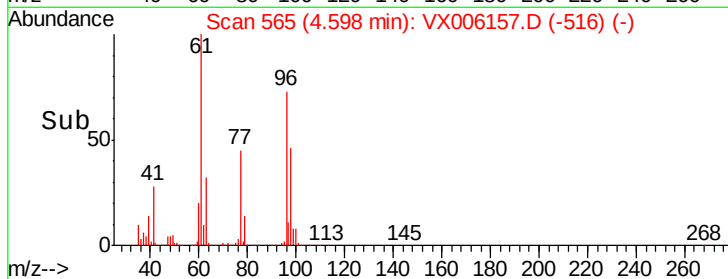
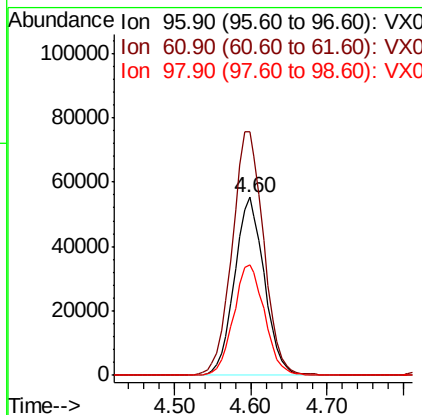
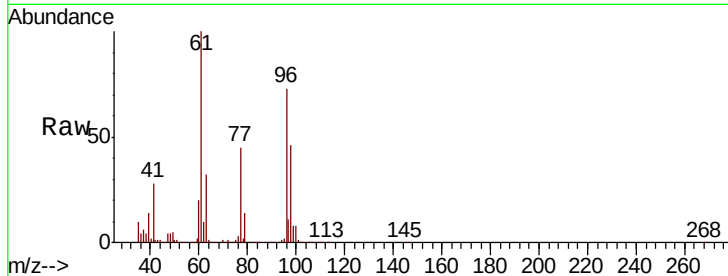
cis-1,2-Dichloroethene
Concen: 51.103 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	291.6
98	64.4	0.0	128.2

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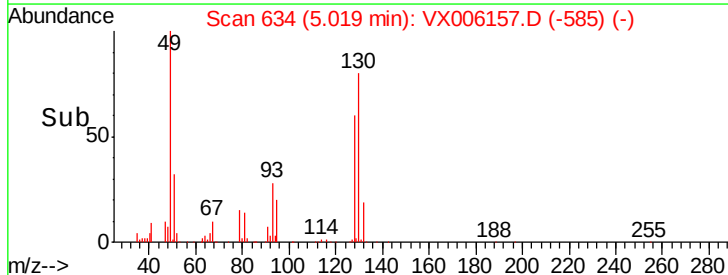
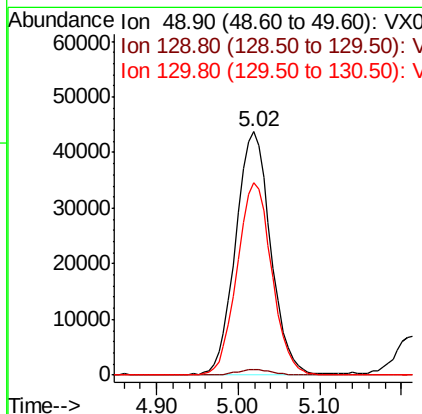
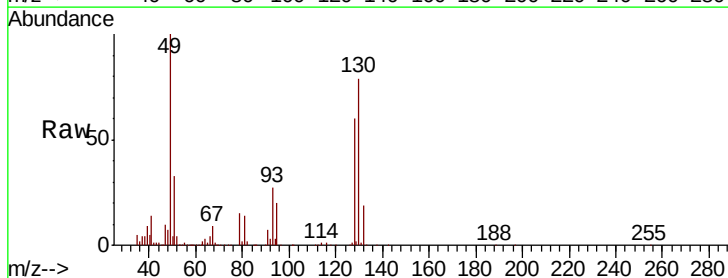
MMDadoda
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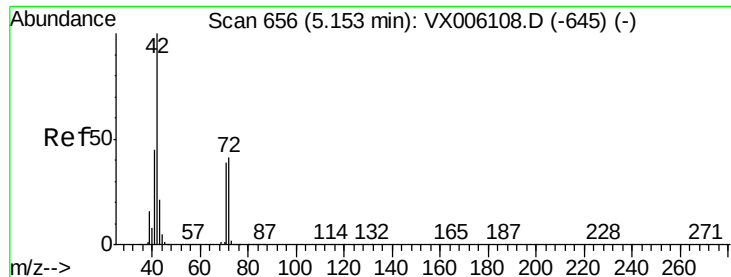


#28

Bromochloromethane
Concen: 54.116 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	78.7	61.6	92.4





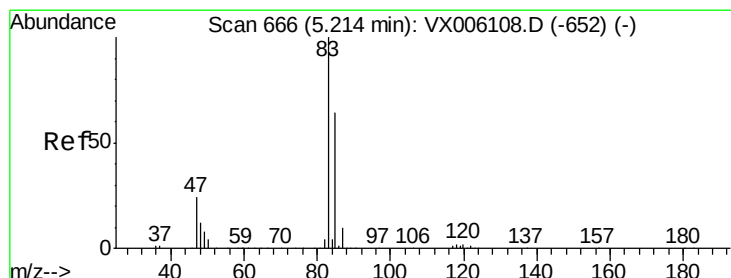
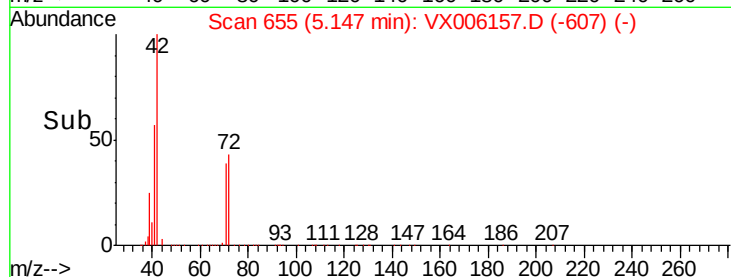
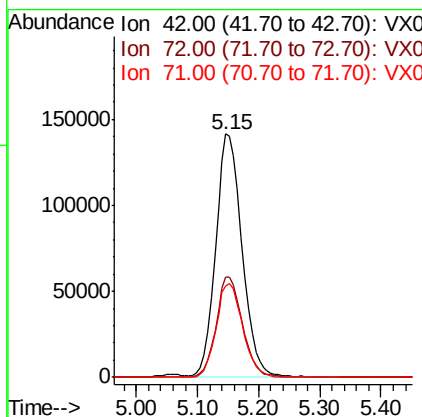
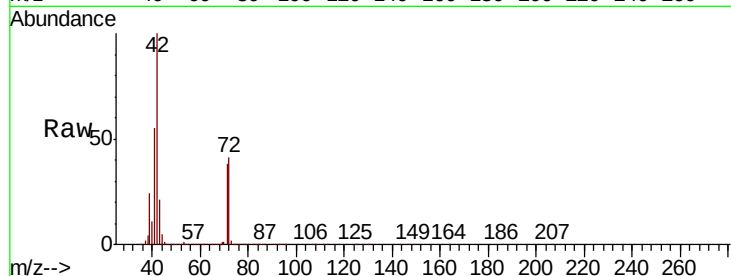
#29
Tetrahydrofuran
Concen: 257.188 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.0	49.6
71	39.0	31.0	46.4

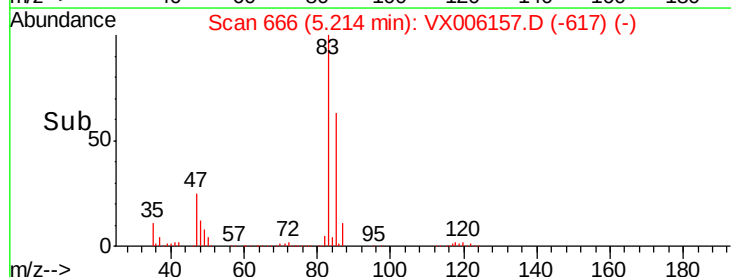
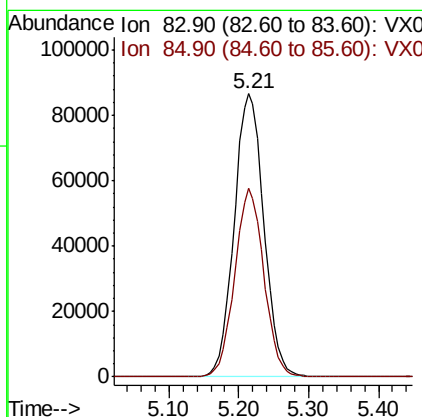
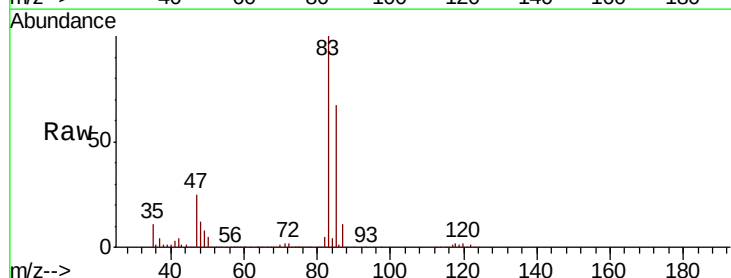
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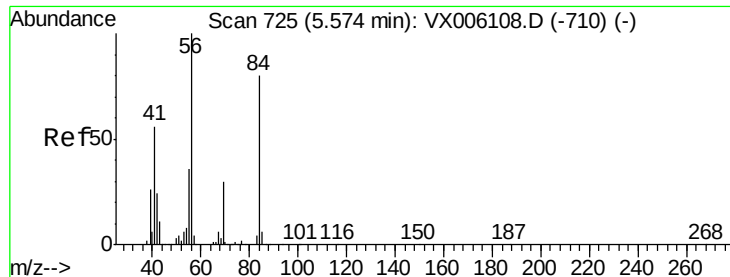
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#30
Chloroform
Concen: 51.112 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.0	76.4





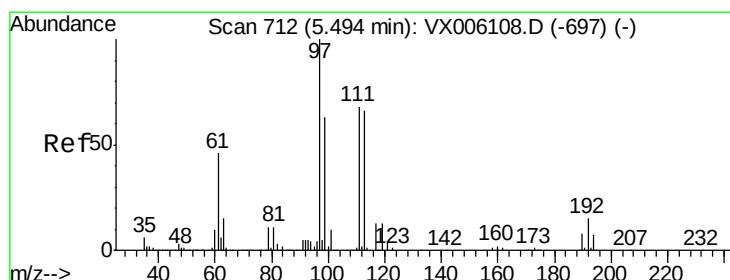
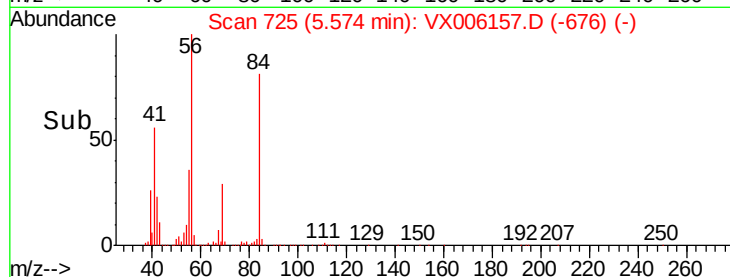
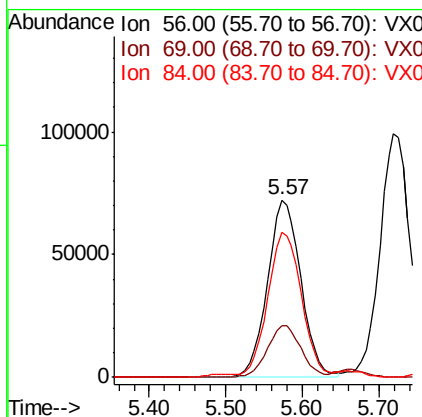
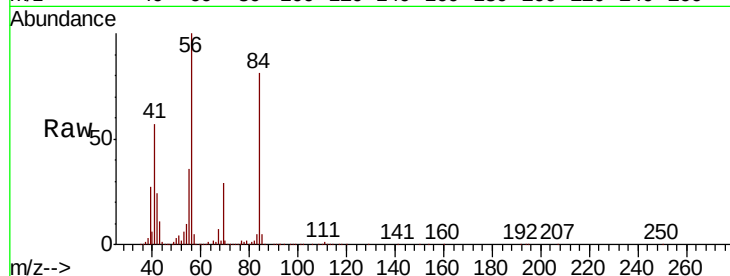
#31
Cyclohexane
Concen: 50.953 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.9	35.9
84	81.2	63.6	95.4

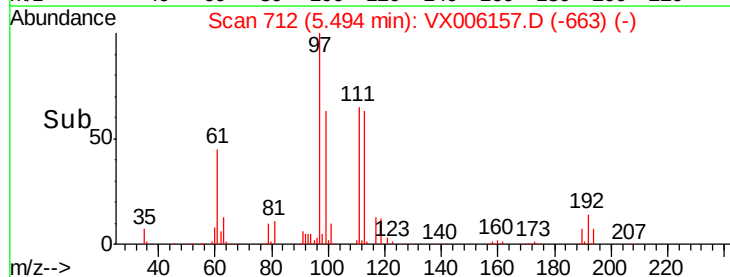
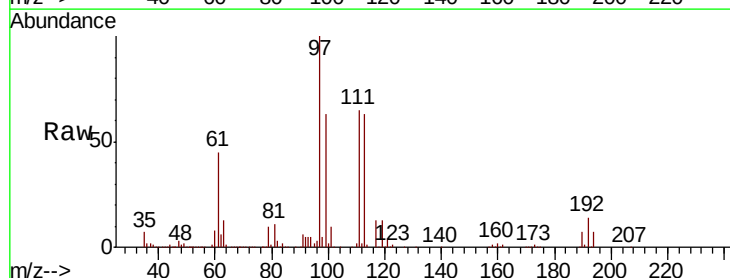
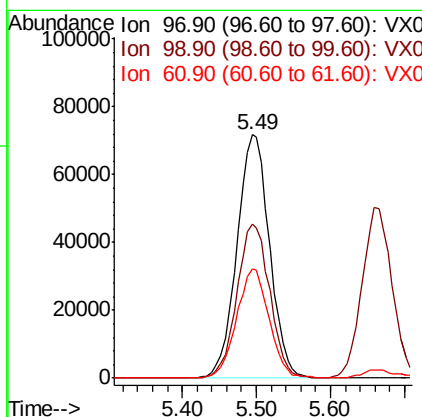
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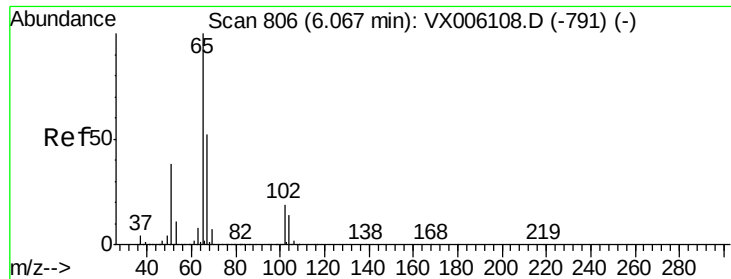
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#32
1,1,1-Trichloroethane
Concen: 54.695 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	44.9	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 54.406 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 65 Resp: 174389

Ion Ratio Lower Upper

65 100

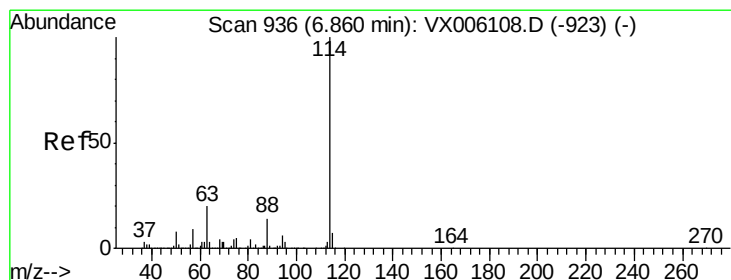
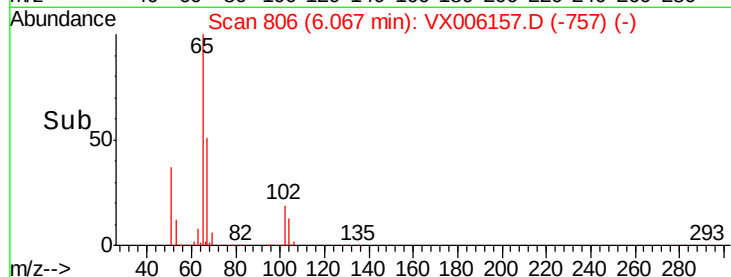
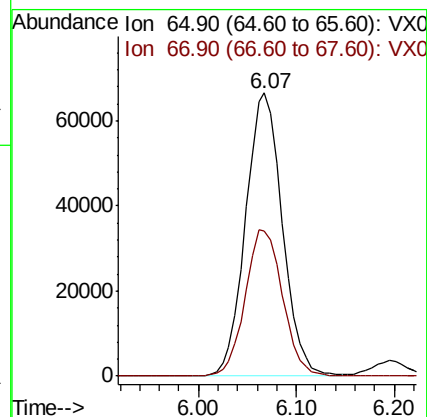
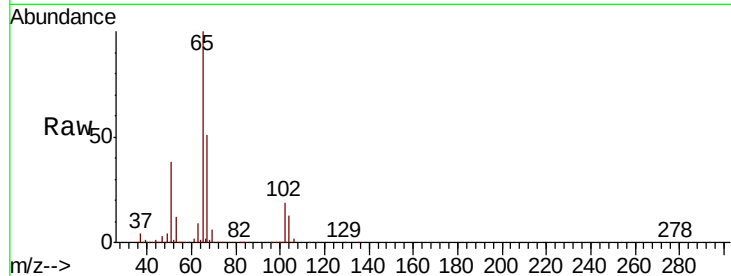
67 52.2 0.0 105.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

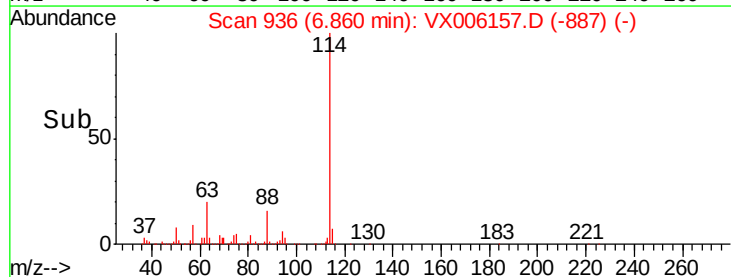
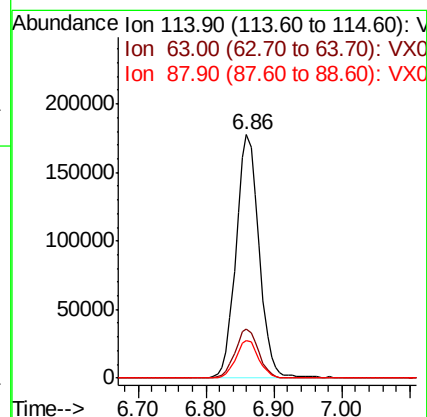
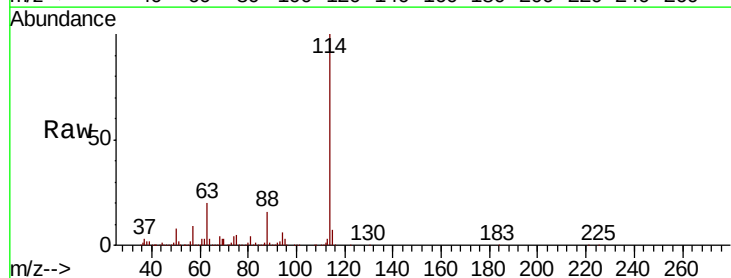
Tgt Ion: 114 Resp: 417655

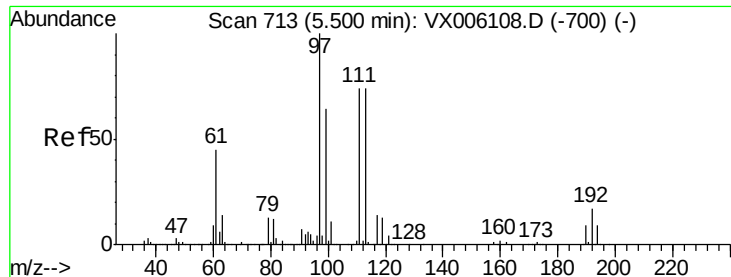
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 52.524 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

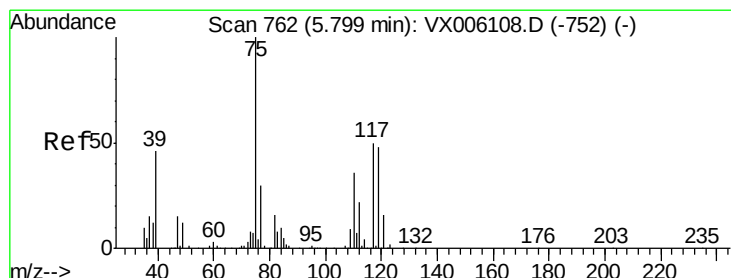
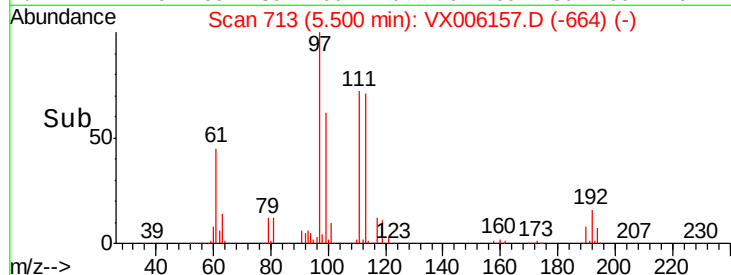
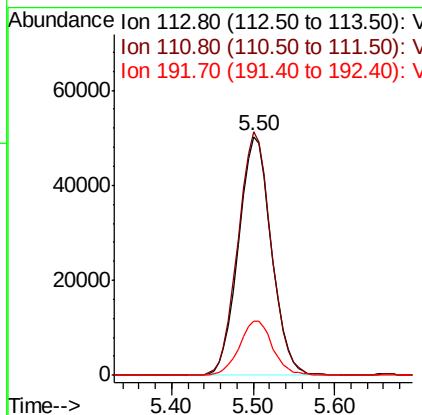
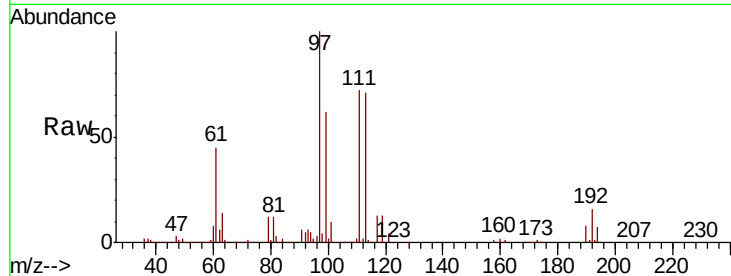
ClientSampleId :

VTW-02MS

Tot Ion:	113	Resp:	140817
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	22.9	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 49.230 ug/l

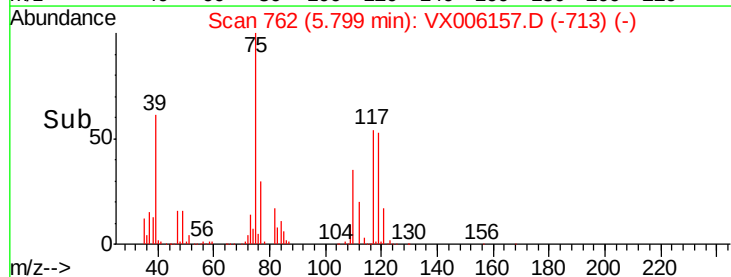
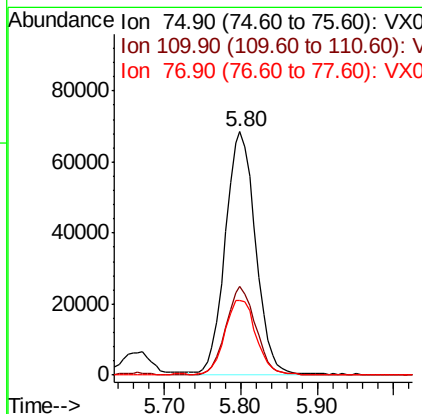
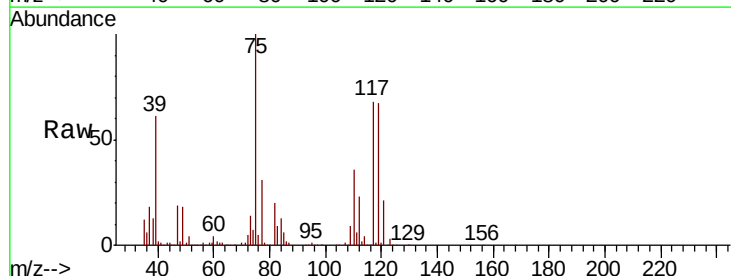
RT: 5.80 min Scan# 762

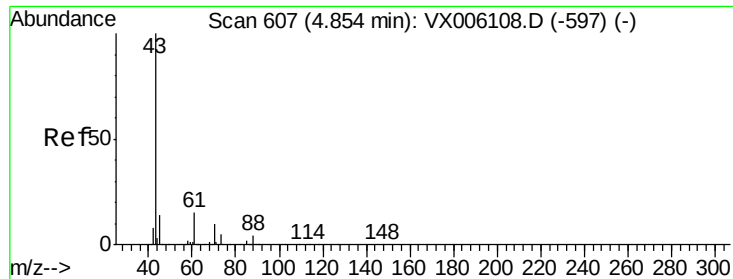
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	75	Resp:	187054
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	31.4	24.5	36.7





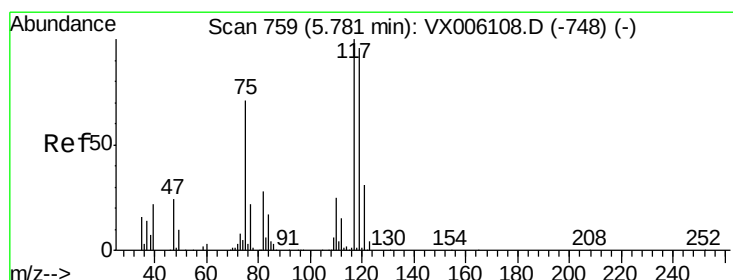
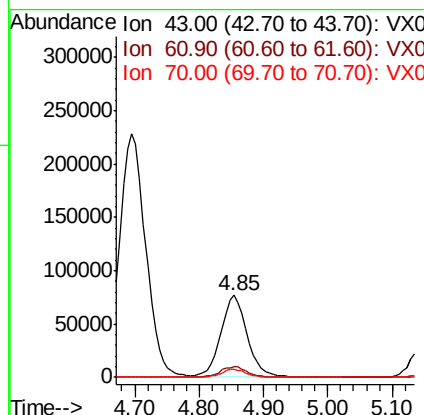
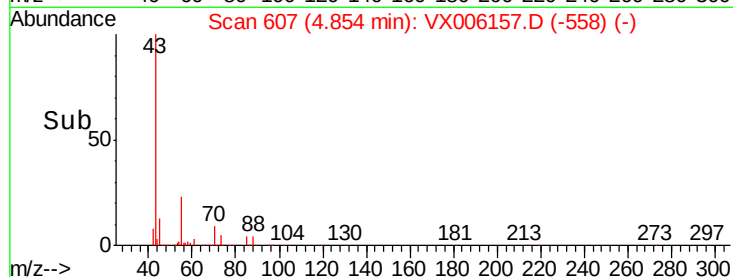
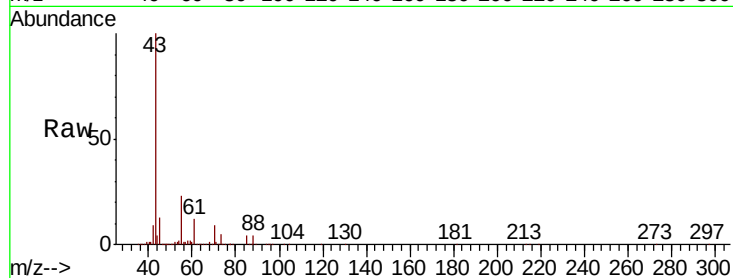
#37
Ethyl Acetate
Concen: 45.088 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.5	15.7
70	9.4	7.9	11.9

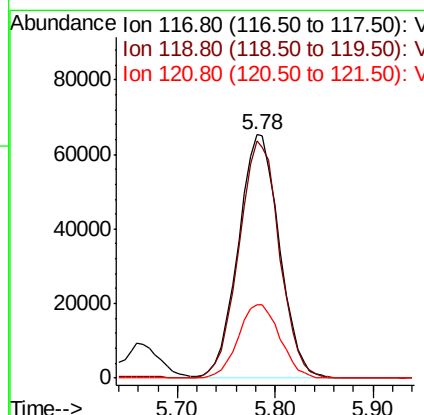
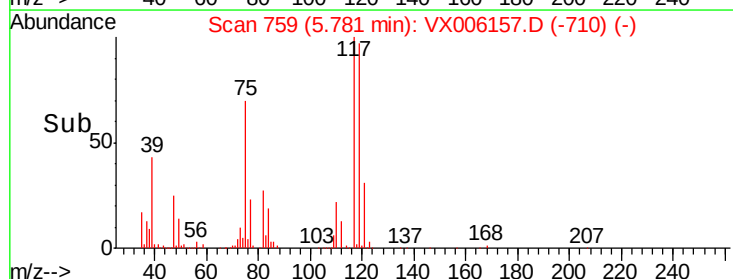
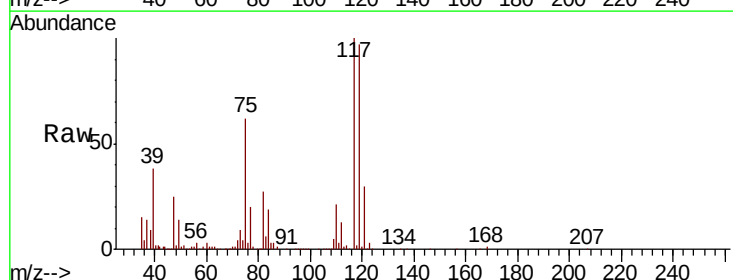
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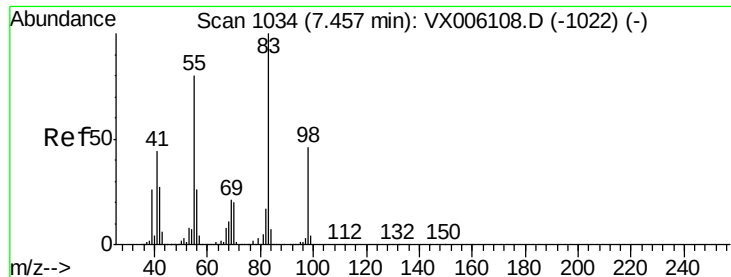
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#38
Carbon Tetrachloride
Concen: 53.095 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.3	114.5
121	30.2	24.7	37.1





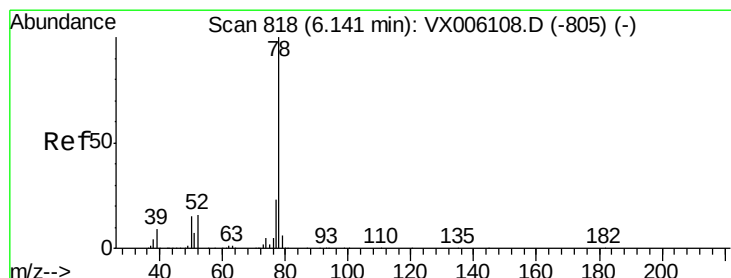
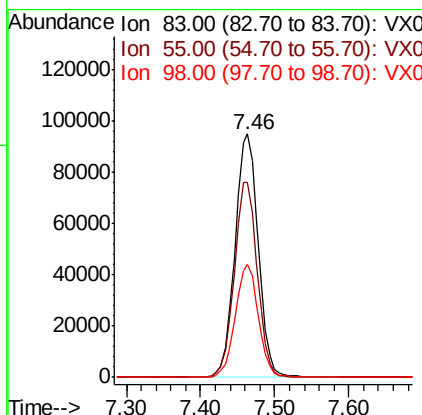
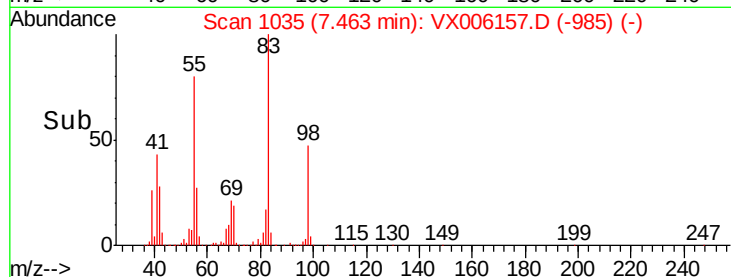
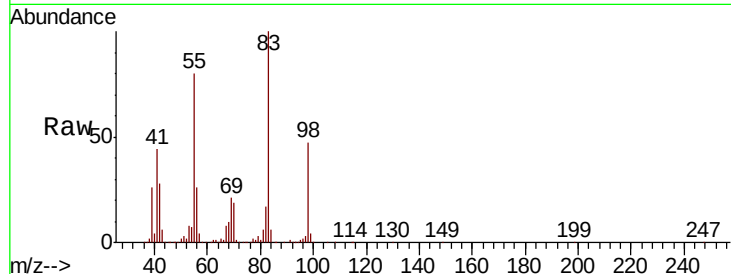
#39
Methylvlcyclohexane
Concen: 48.013 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.1	63.9	95.9
98	46.6	36.8	55.2

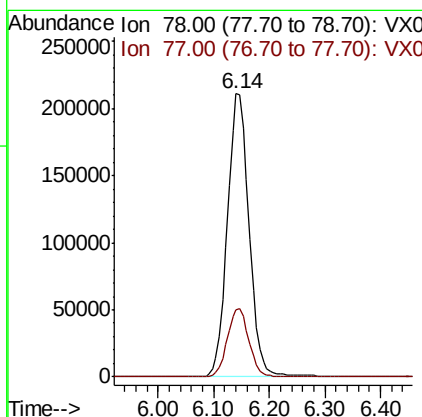
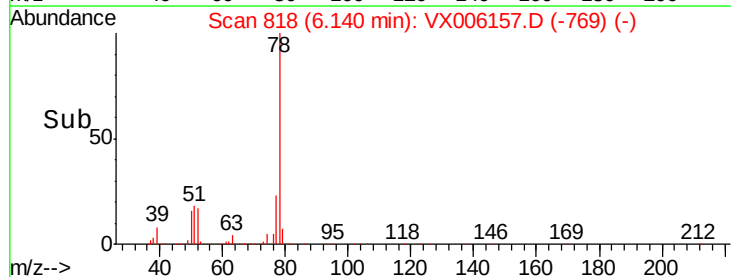
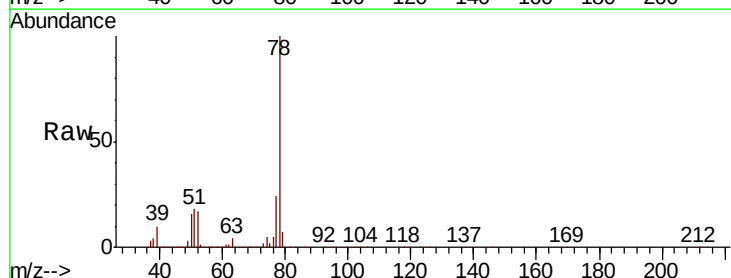
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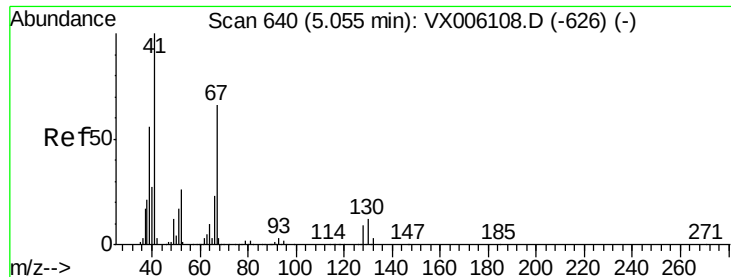
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#40
Benzene
Concen: 50.860 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 50.078 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

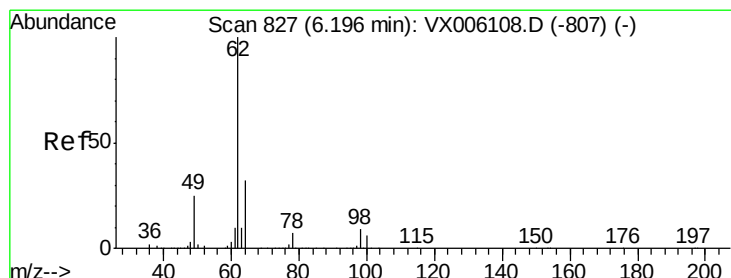
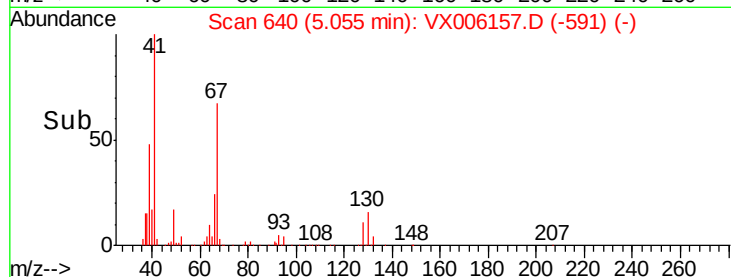
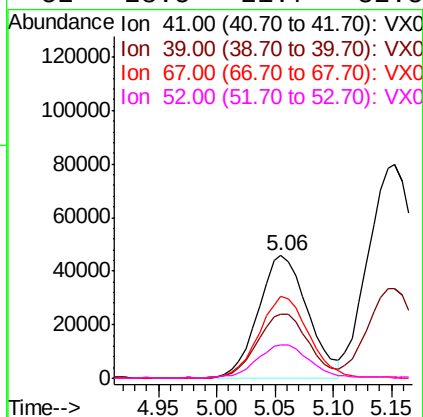
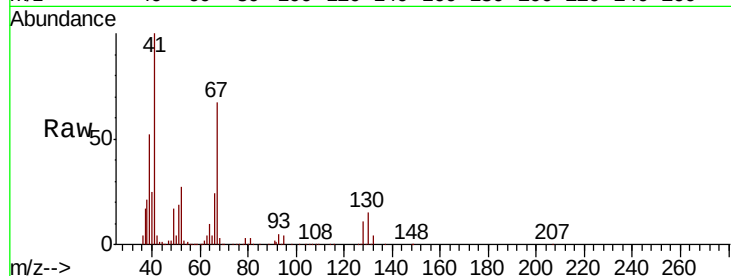
ClientSampleId :

VTW-02MS

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Tot Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.1	66.1
67	67.4	54.1	81.1
52	28.5	21.7	32.5



#42

1,2-Dichloroethane

Concen: 50.197 ug/l

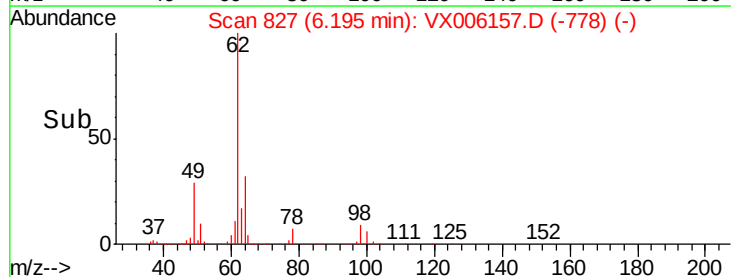
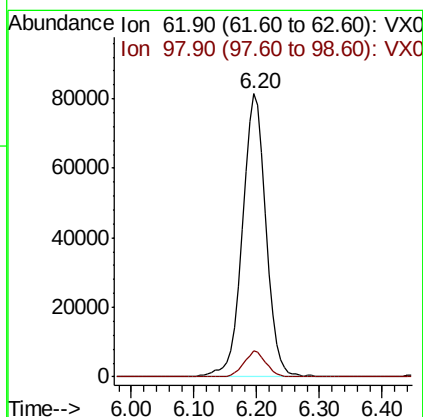
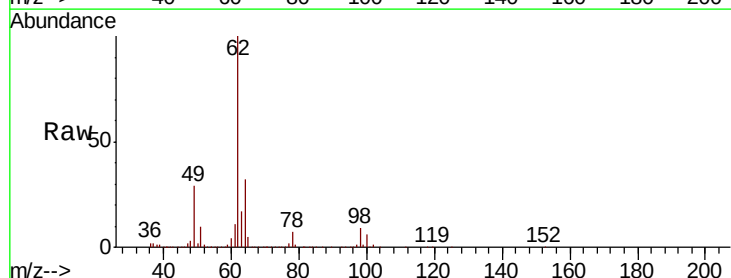
RT: 6.20 min Scan# 827

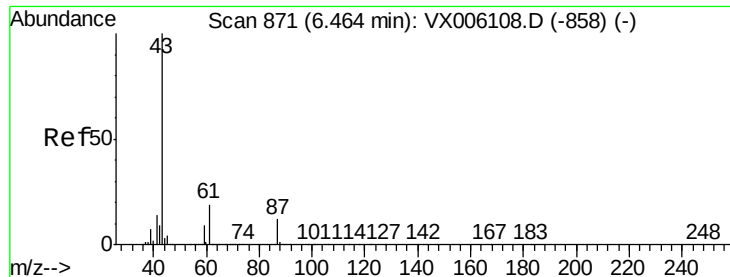
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 48.788 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

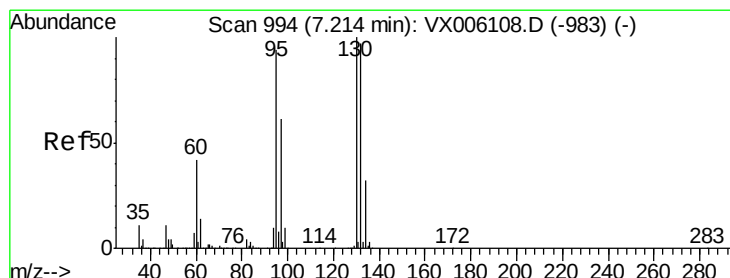
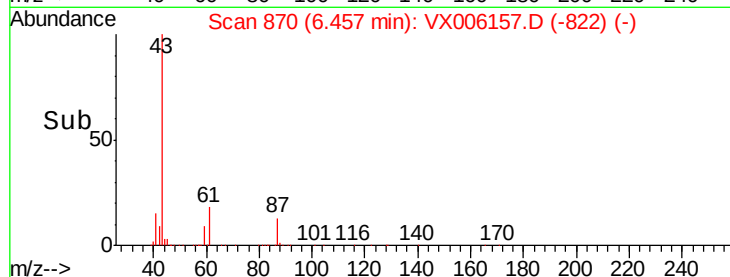
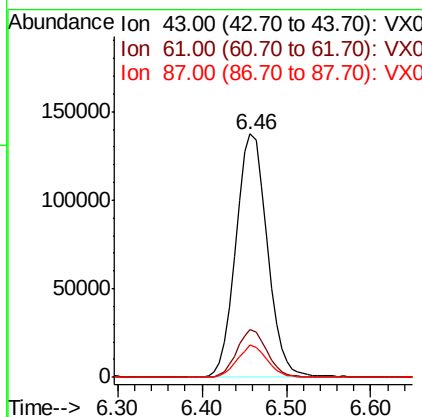
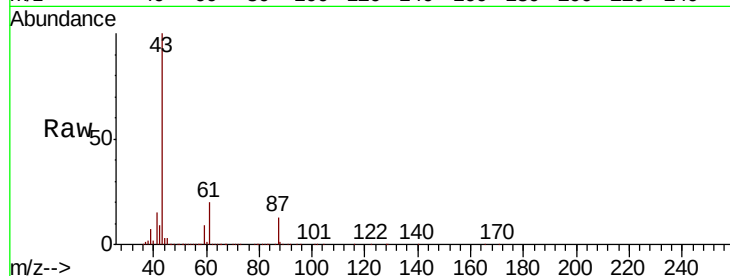
ClientSampleId :

VTW-02MS

Tot Ion:	43	Resp:	344433
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.6	9.6	14.4

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#44

Trichloroethene

Concen: 48.940 ug/l

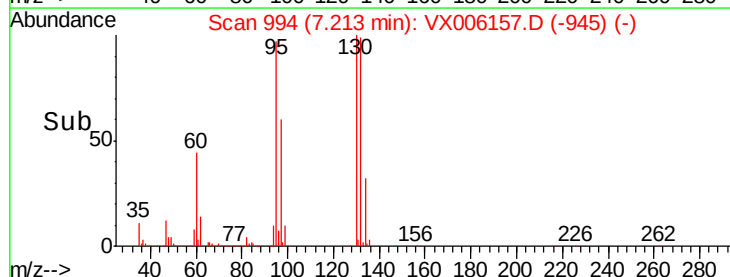
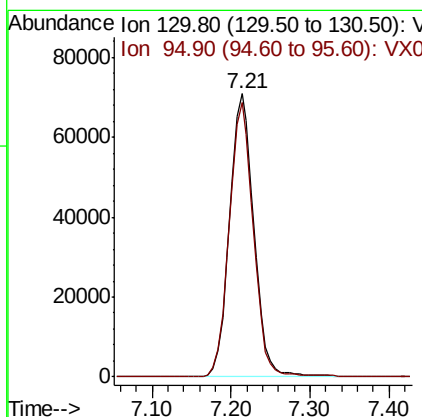
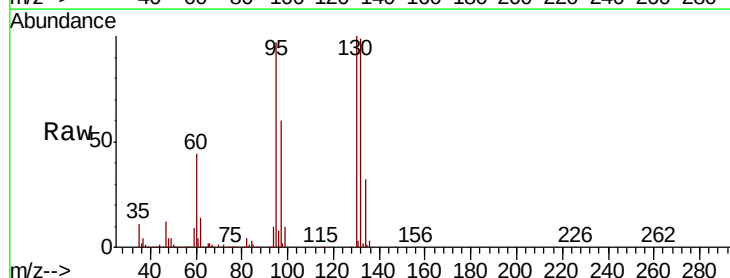
RT: 7.21 min Scan# 994

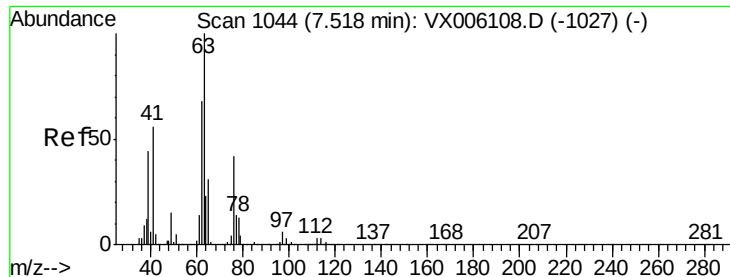
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	130	Resp:	152268
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	188.8





#45

1,2-Dichloropropane

Concen: 52.302 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 63 Resp: 154949

Ion Ratio Lower Upper

63 100

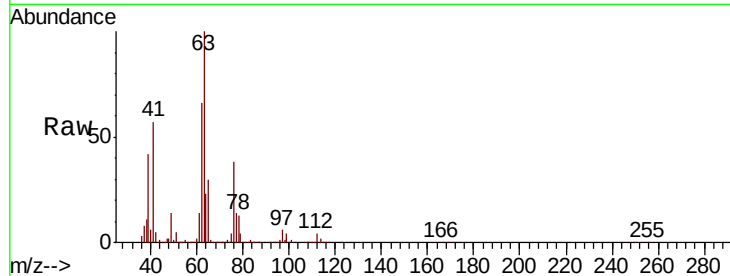
65 30.3 24.8 37.2

Manual Integrations

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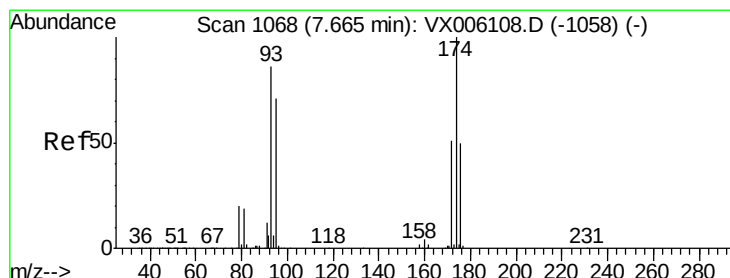
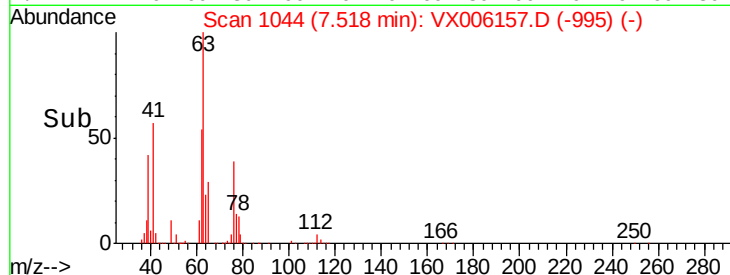
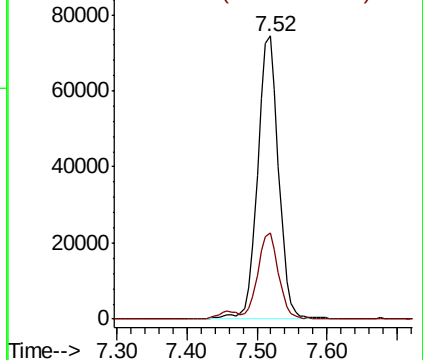
MMDadoda

11/26/2018 9:49:08 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.319 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

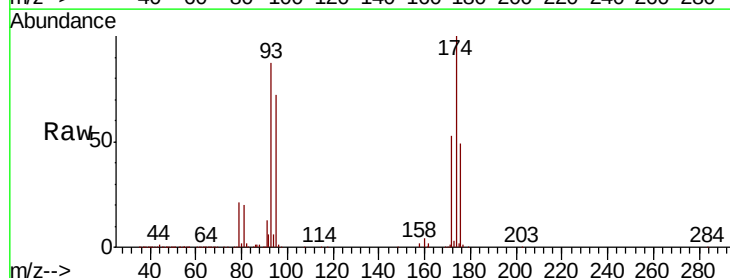
Tgt Ion: 93 Resp: 102090

Ion Ratio Lower Upper

93 100

95 84.3 66.3 99.5

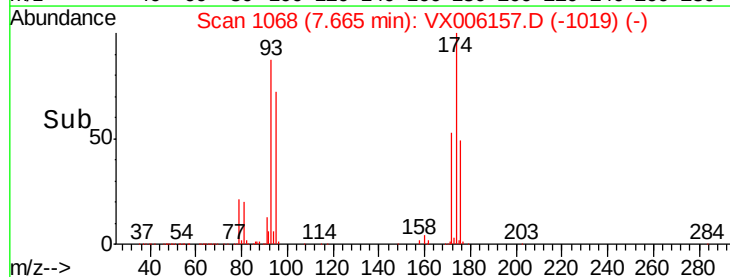
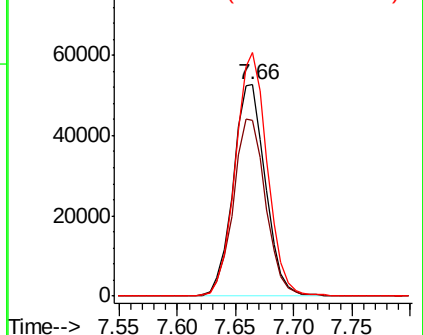
174 113.8 91.0 136.6

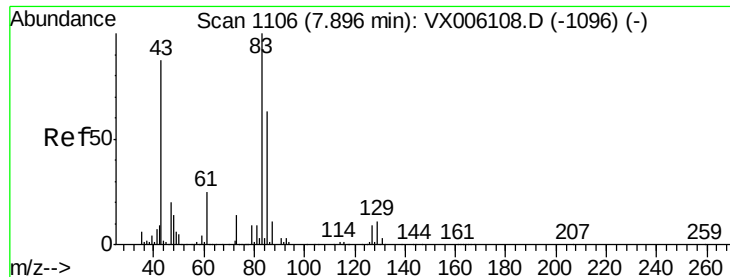


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





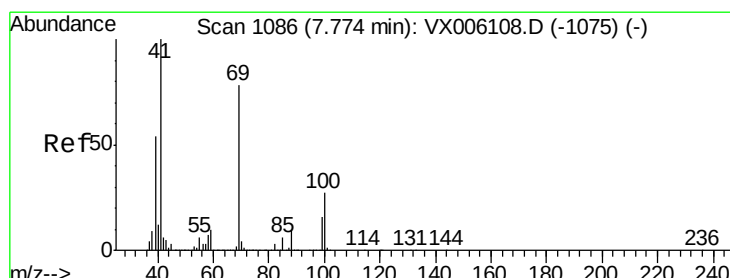
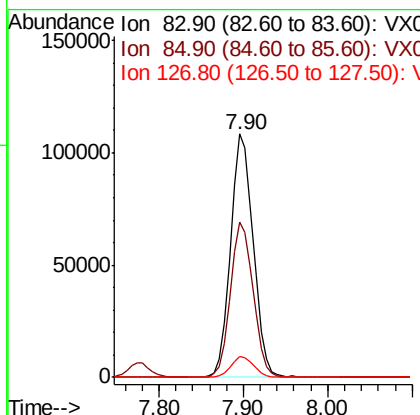
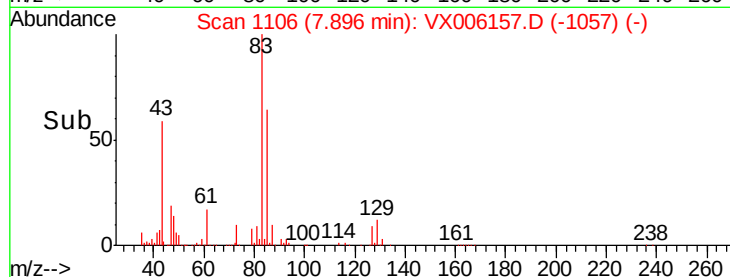
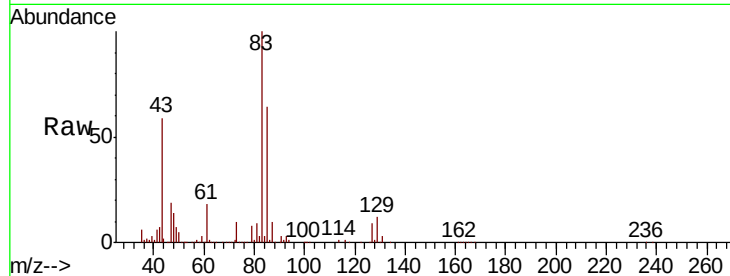
#47
Bromodichloromethane
Concen: 52.579 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	197299		
85	63.6		50.4	75.6
127	8.8		7.0	10.4

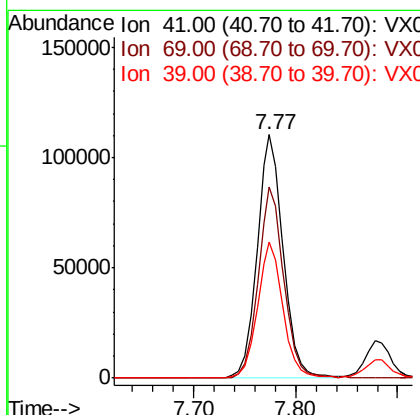
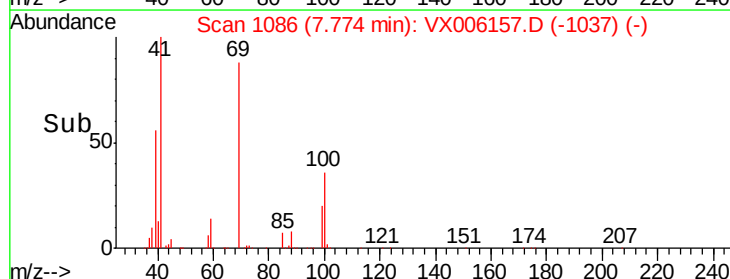
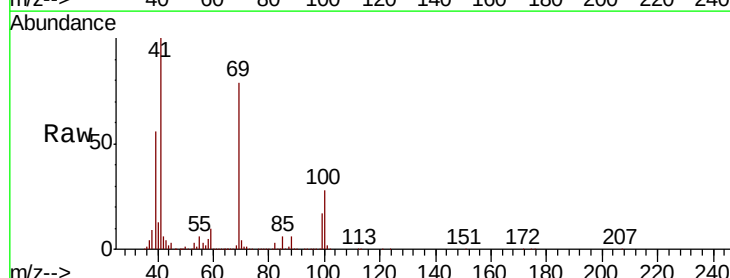
Manual Integrations
APPROVED

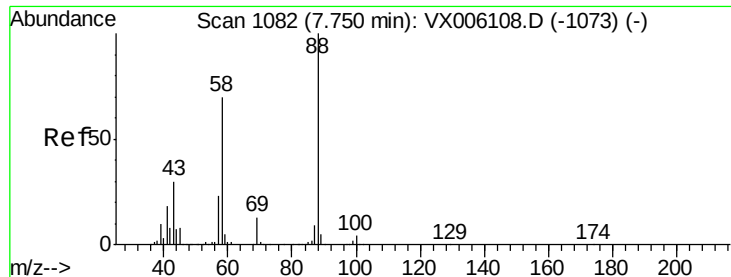
MMDadoda
11/26/2018 9:49:08 AM



#48
Methyl methacrylate
Concen: 54.487 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	195087		
69	77.8		62.8	94.2
39	54.5		43.8	65.6





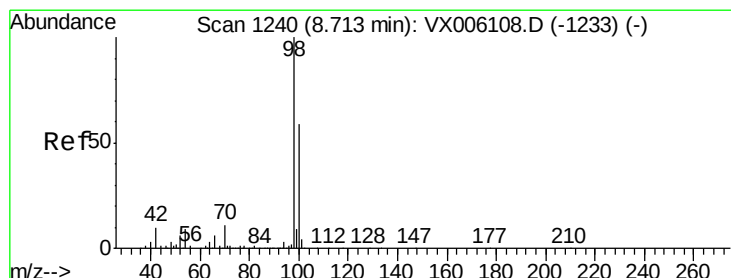
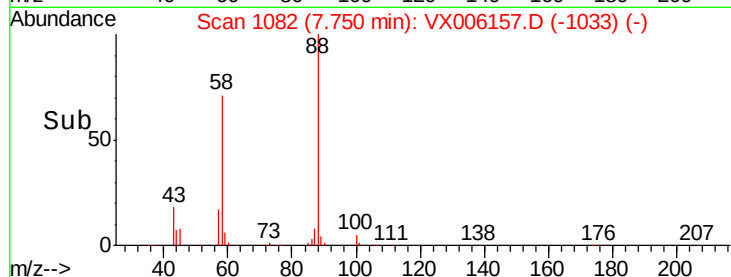
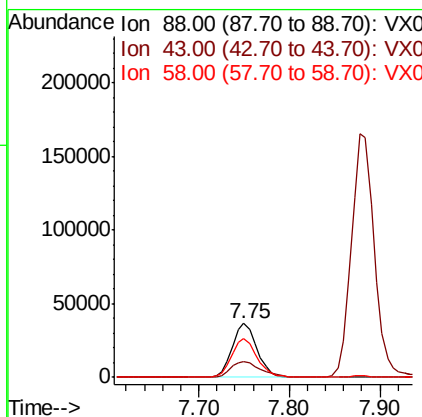
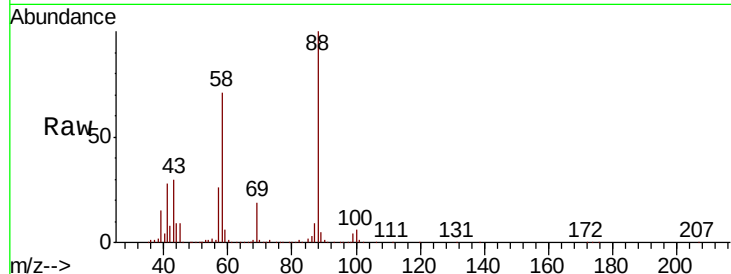
#49
1,4-Dioxane
Concen: 812.916 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	26.7	40.1
58	74.6	58.5	87.7

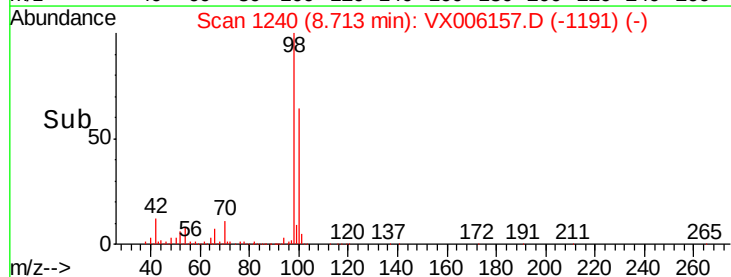
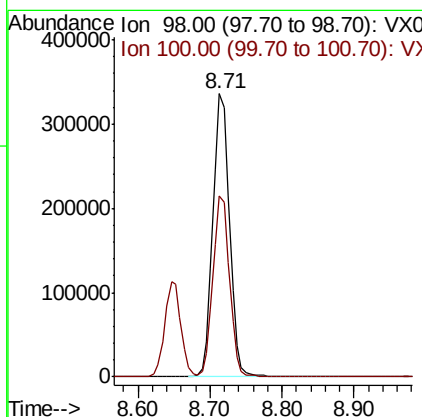
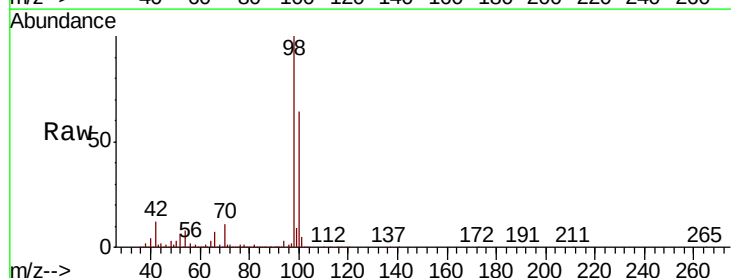
Manual Integrations
APPROVED

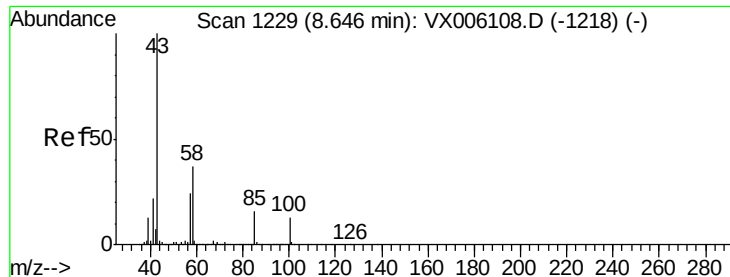
MMDadoda
11/26/2018 9:49:08 AM



#50
Toluene-d8
Concen: 52.612 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 255.357 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 43 Resp: 1292391

Ion Ratio Lower Upper

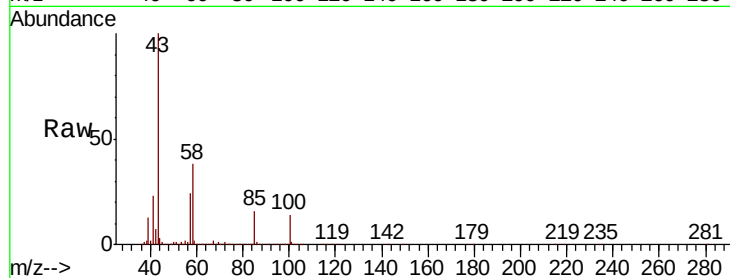
43 100

58 37.6 29.9 44.9

Manual Integrations
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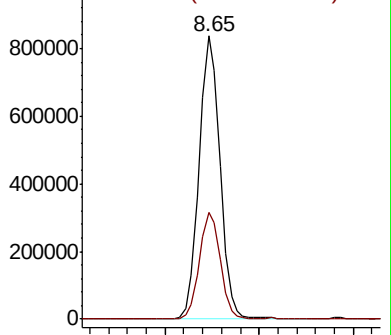
MMDadoda

11/26/2018 9:49:08 AM

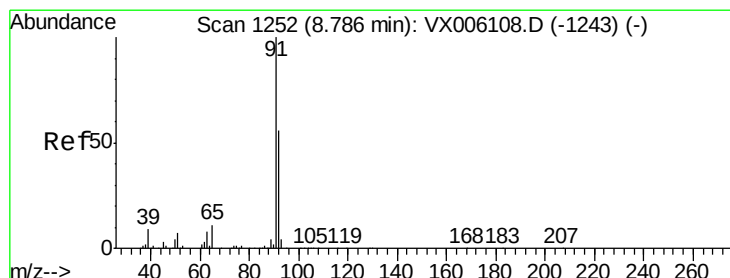
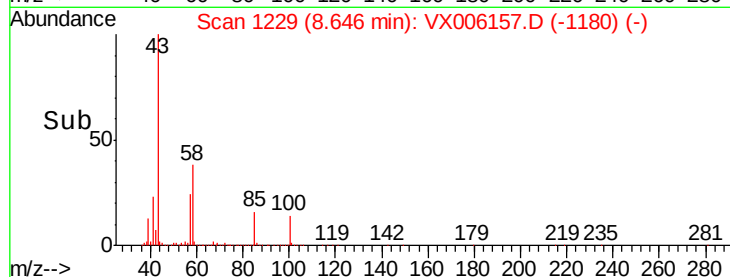


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.651 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006157.D

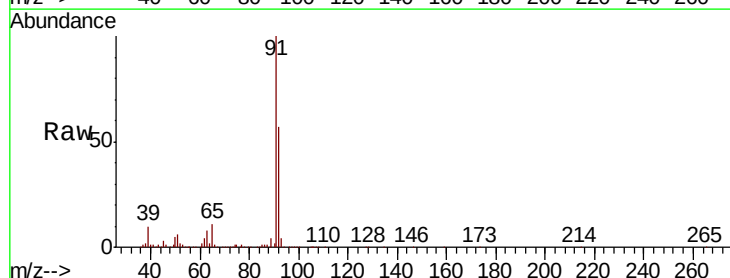
Acq: 22 Nov 2018 07:09

Tgt Ion: 92 Resp: 364557

Ion Ratio Lower Upper

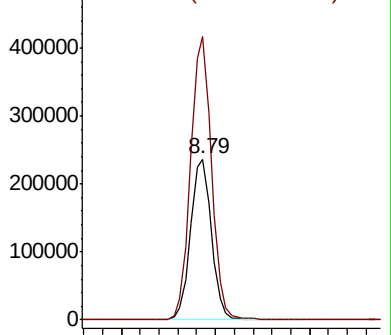
92 100

91 175.8 142.5 213.7

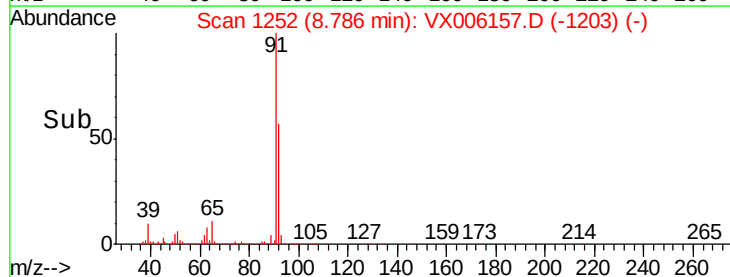


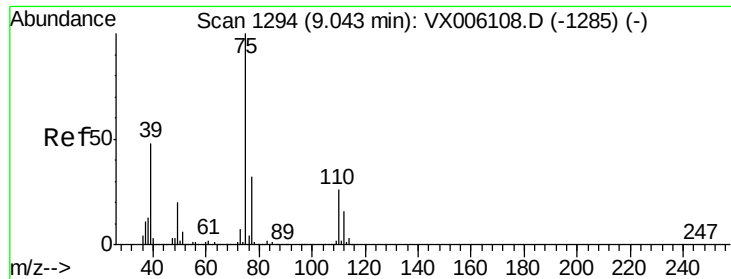
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 51.190 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 75 Resp: 200446

Ion Ratio Lower Upper

75 100

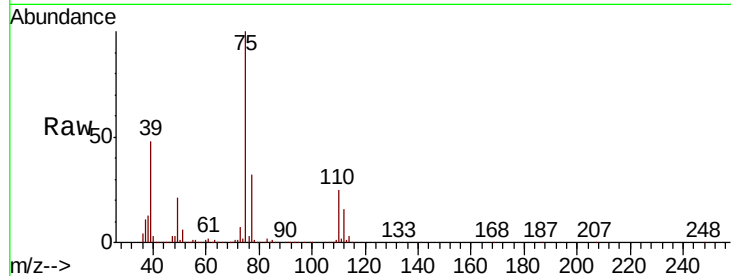
77 31.5 25.7 38.5

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

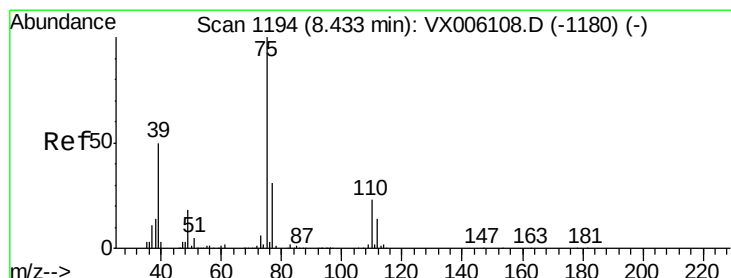
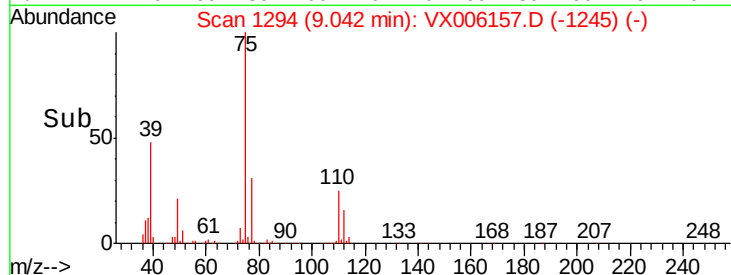
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.733 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

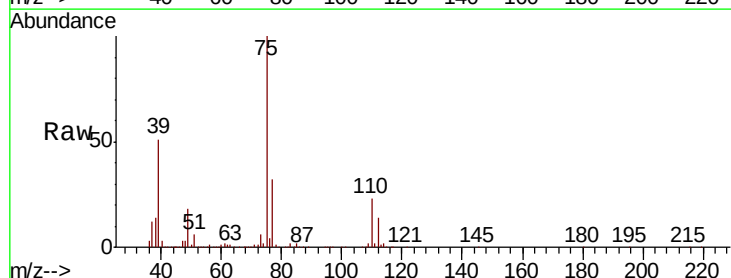
Tgt Ion: 75 Resp: 210956

Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 50.7 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

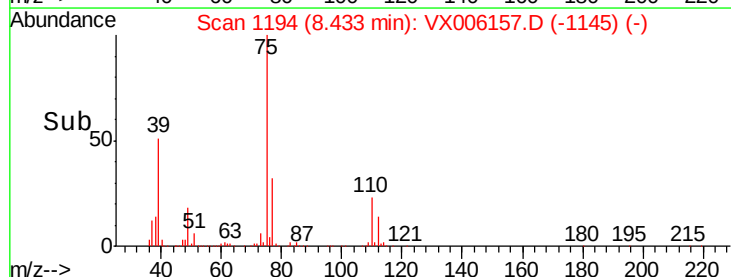
100000

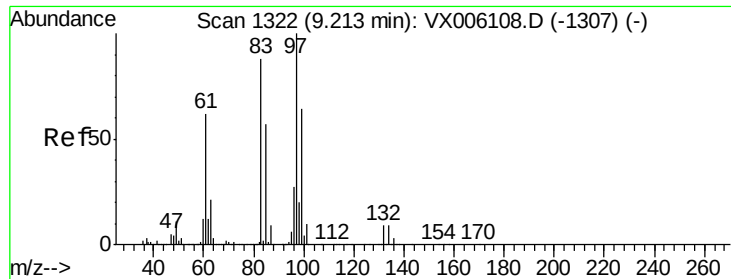
50000

0

8.40 8.50

Time-->





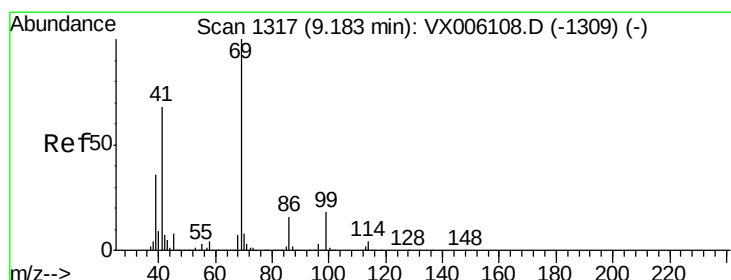
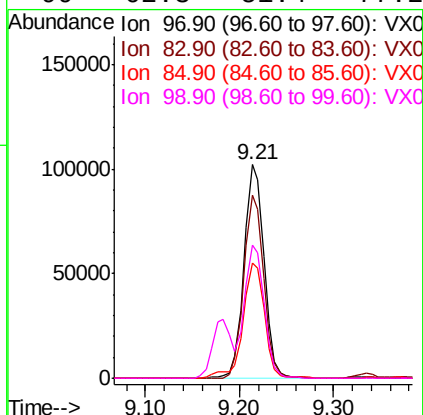
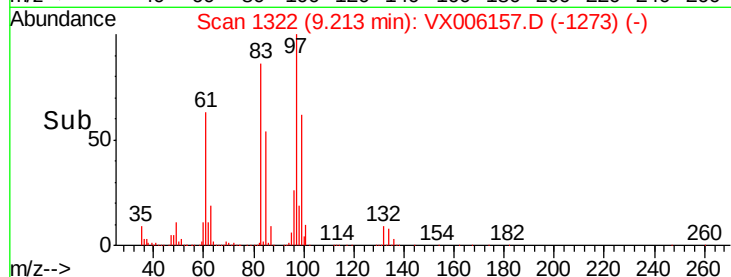
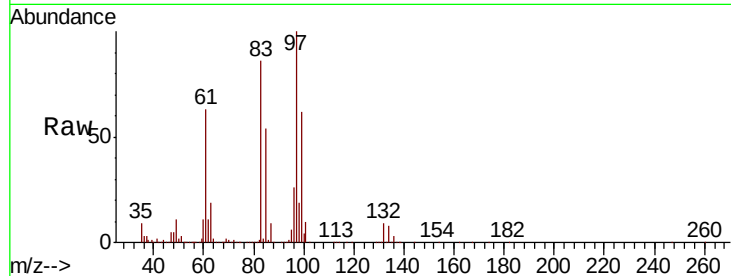
#55
 1,1,2-Trichloroethane
 Concen: 50.861 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion:	97	Resp:	152516
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.7	106.1
85	54.1	45.7	68.5
99	62.3	51.4	77.2

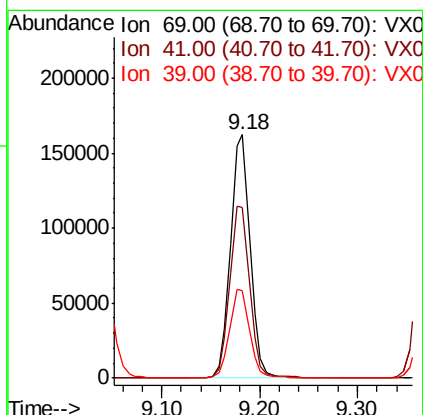
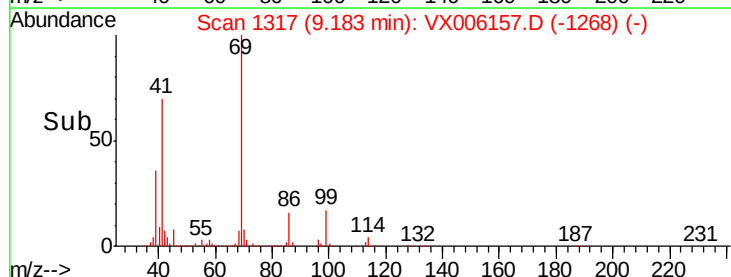
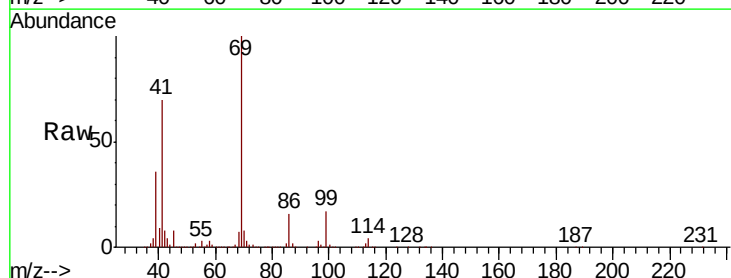
Manual Integrations
 APPROVED

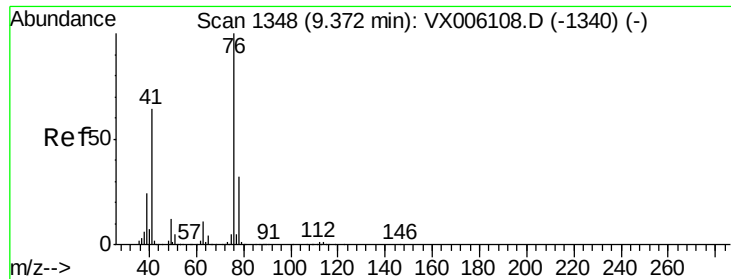
MMDadoda
 11/26/2018 9:49:08 AM



#56
 Ethyl methacrylate
 Concen: 48.632 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion:	69	Resp:	226706
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.2	84.4
39	36.9	29.4	44.0





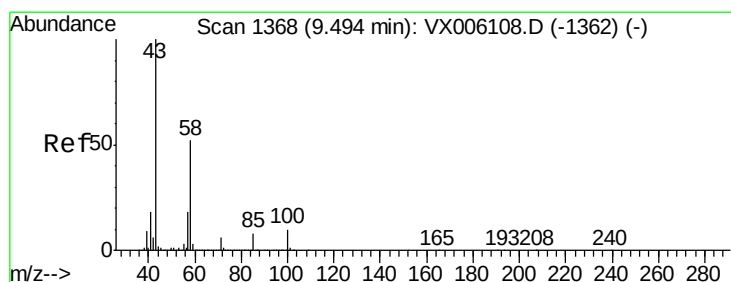
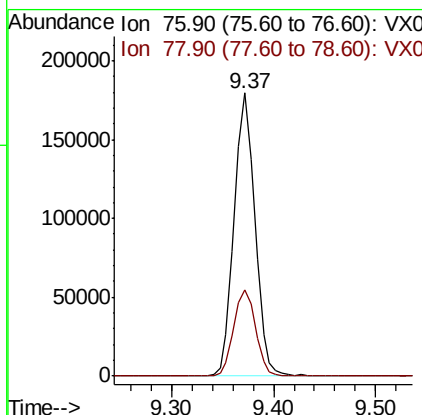
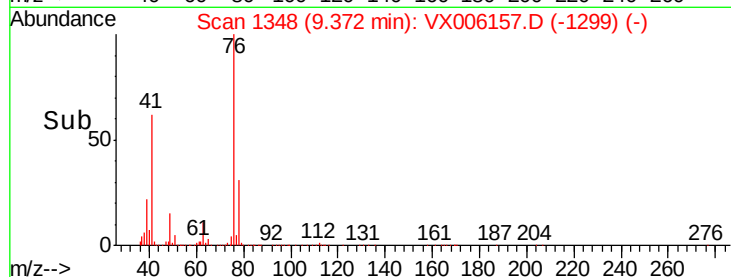
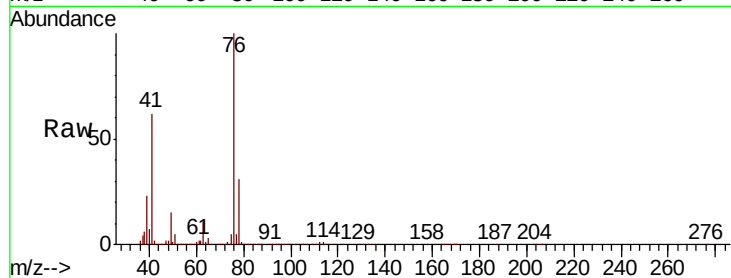
#57
 1,3-Dichloropropane
 Concen: 51.138 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

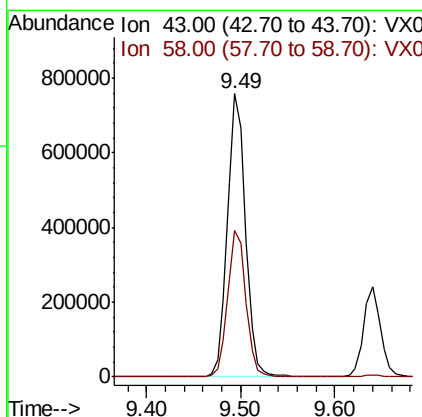
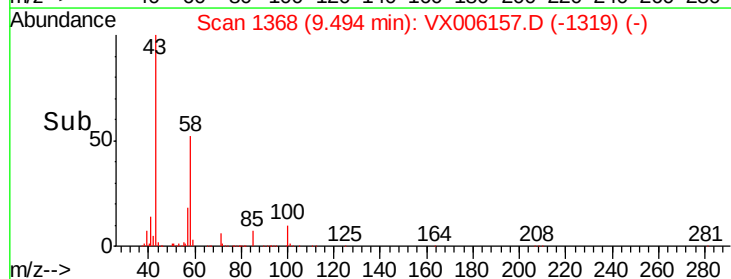
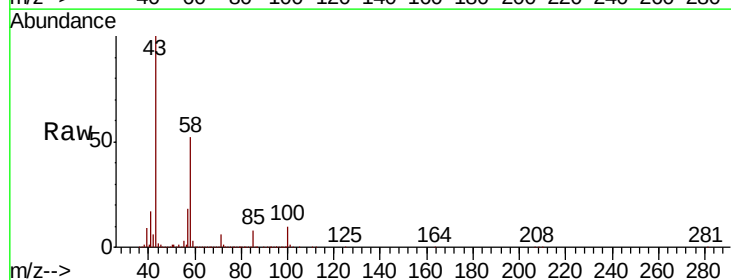
Manual Integrations
 APPROVED

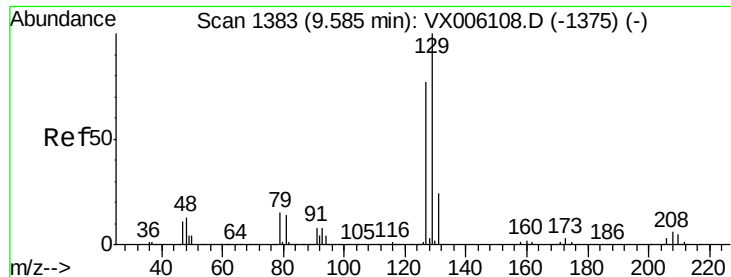
MMDadoda
 11/26/2018 9:49:08 AM



#59
 2-Hexanone
 Concen: 252.218 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.3	78.9





#60

Dibromochloromethane

Concen: 53.552 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion:129 Resp: 157442

Ion Ratio Lower Upper

129 100

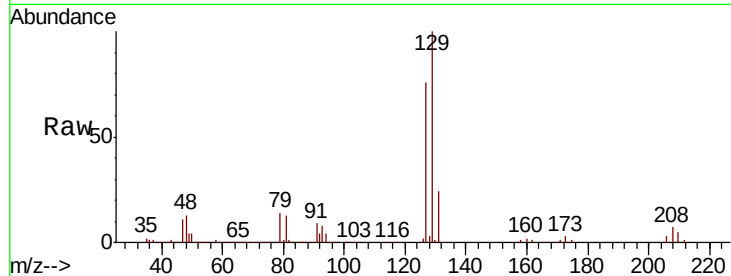
127 77.8 39.1 117.5

Manual Integrations

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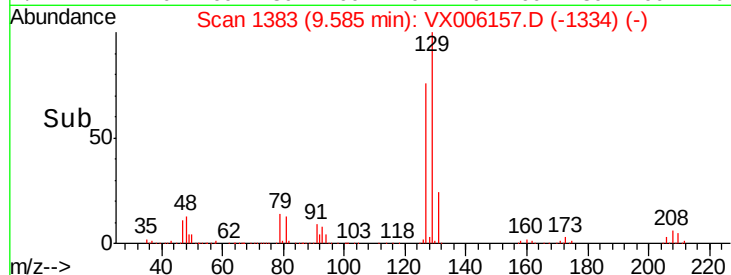
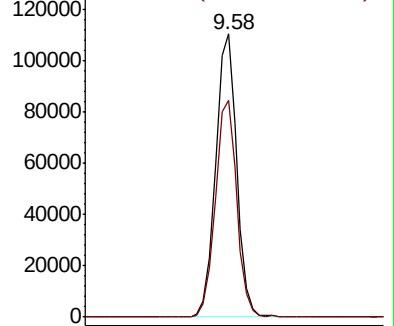
MMDadoda

11/26/2018 9:49:08 AM

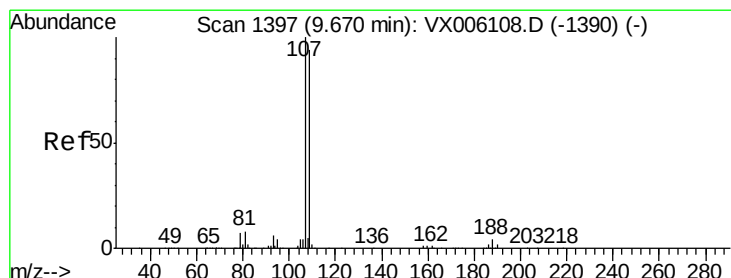


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 51.837 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006157.D

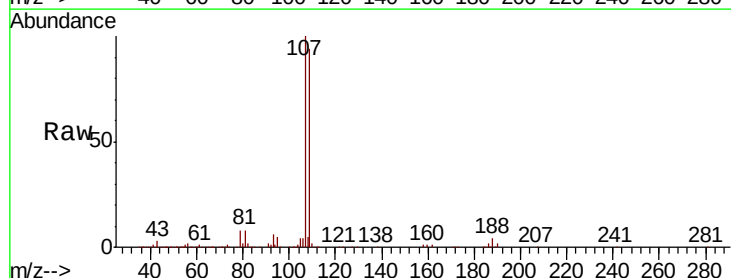
Acq: 22 Nov 2018 07:09

Tgt Ion:107 Resp: 160140

Ion Ratio Lower Upper

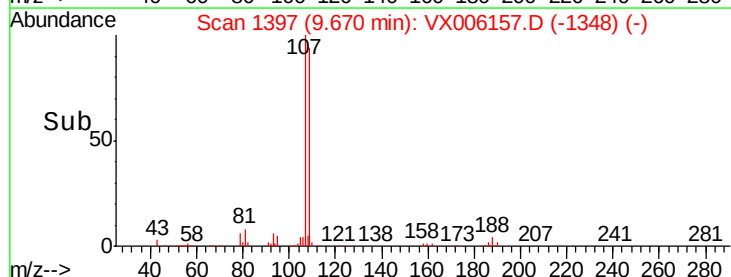
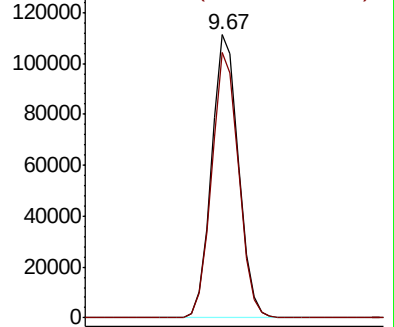
107 100

109 93.5 75.7 113.5

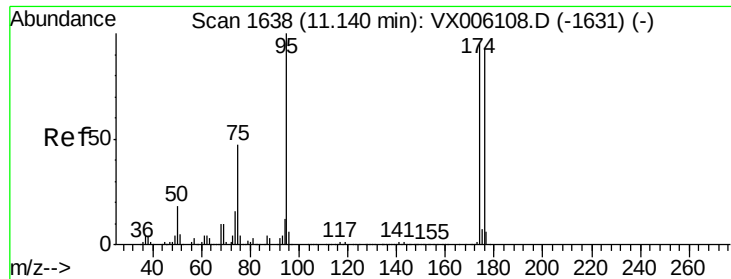


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



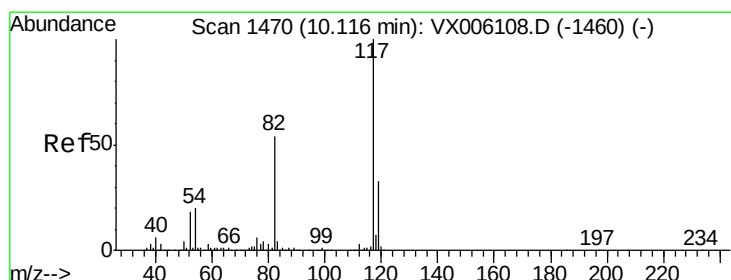
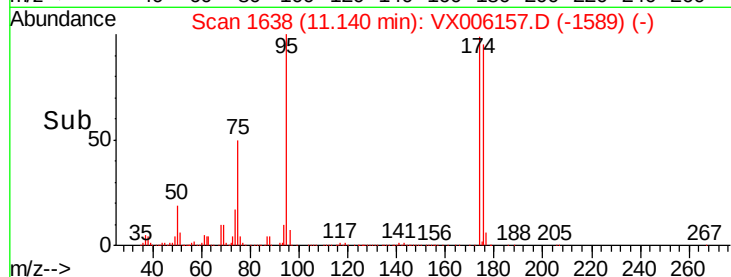
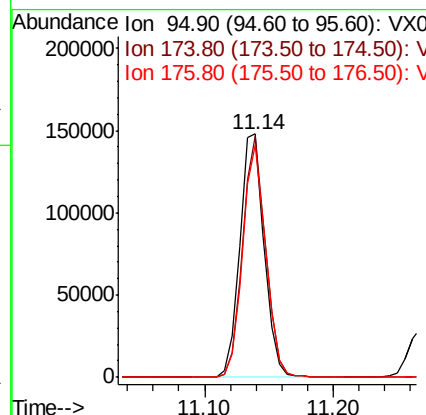
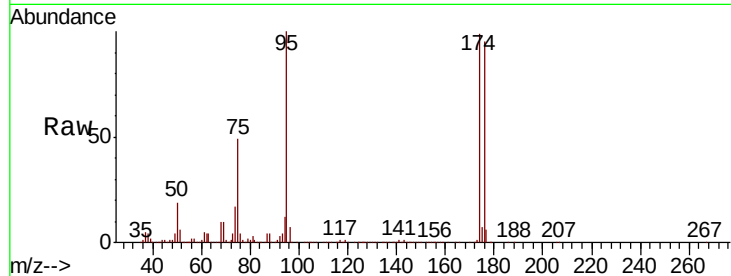
#62
4-Bromofluorobenzene
Concen: 50.874 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	195192		
174	92.9	0.0	184.4	
176	90.3	0.0	179.0	

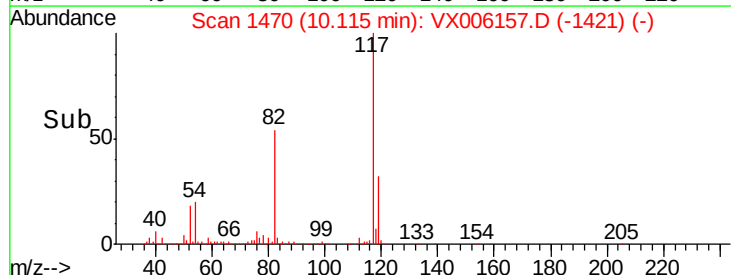
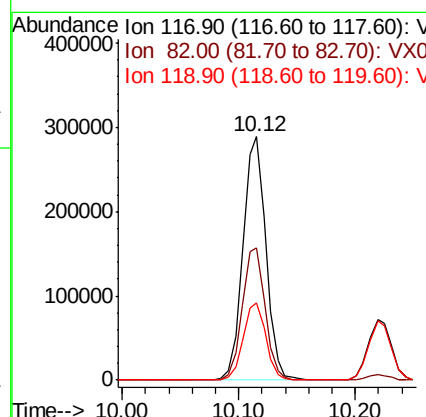
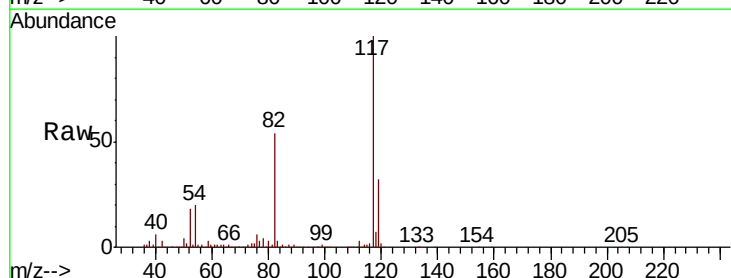
Manual Integrations
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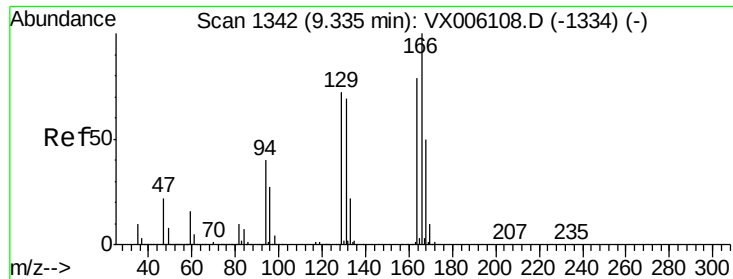
MMDadoda
11/26/2018 9:49:08 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	396632		
82	54.1	43.0	64.4	
119	31.9	26.1	39.1	





#64

Tetrachloroethene

Concen: 41.484 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

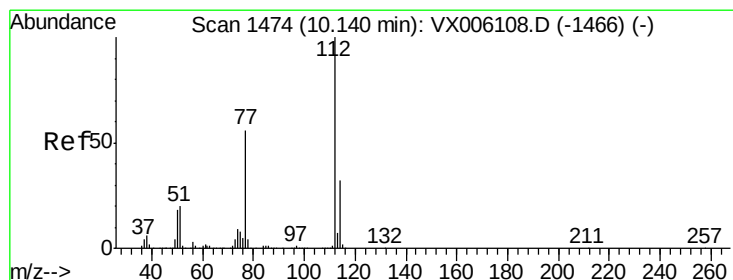
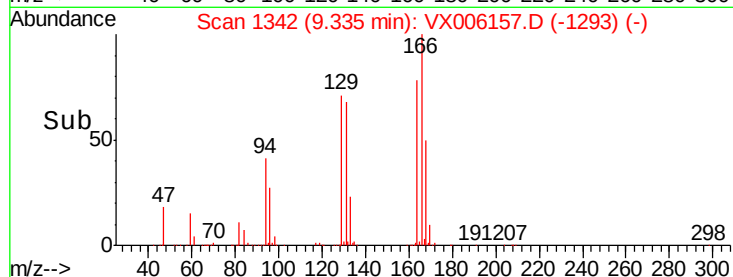
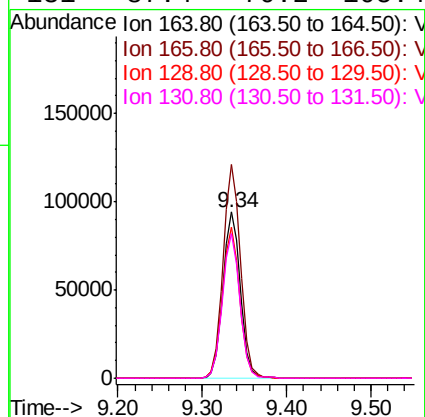
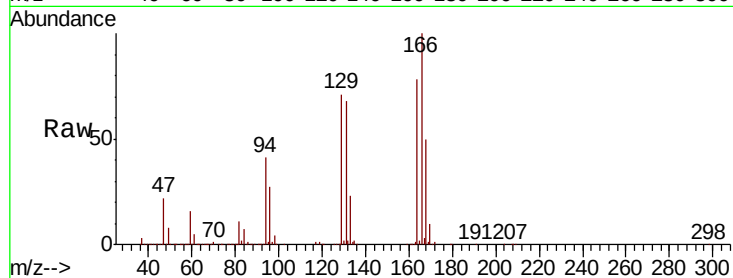
ClientSampleId :

VTW-02MS

Tot Ion:	164	Resp:	135404
Ion Ratio	Lower	Upper	
164	100		
166	128.5	101.5	152.3
129	91.2	73.4	110.0
131	87.4	70.2	105.4

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#65

Chlorobenzene

Concen: 50.388 ug/l

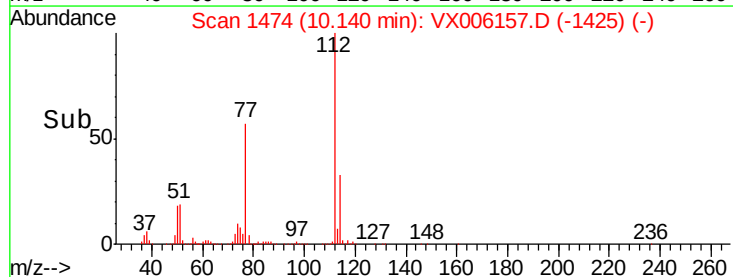
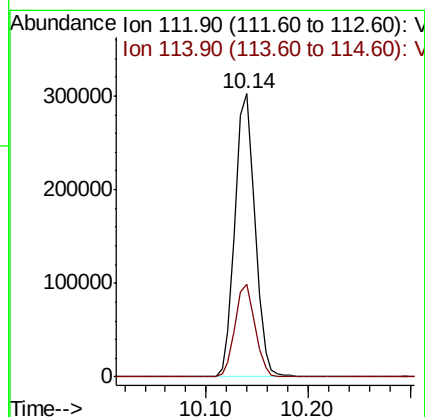
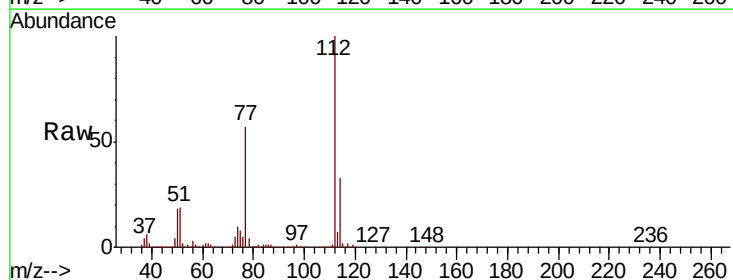
RT: 10.14 min Scan# 1474

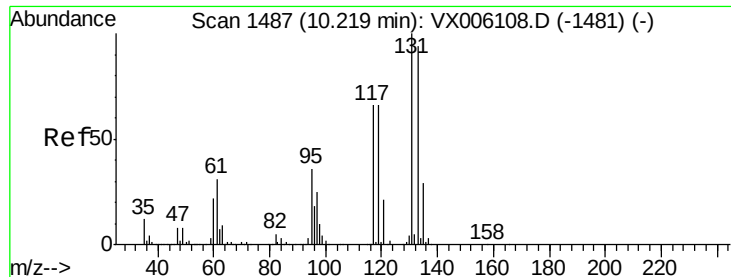
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	112	Resp:	409949
Ion Ratio	Lower	Upper	
112	100		
114	32.6	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 52.519 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

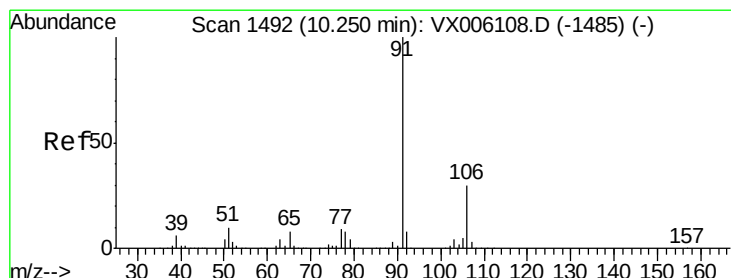
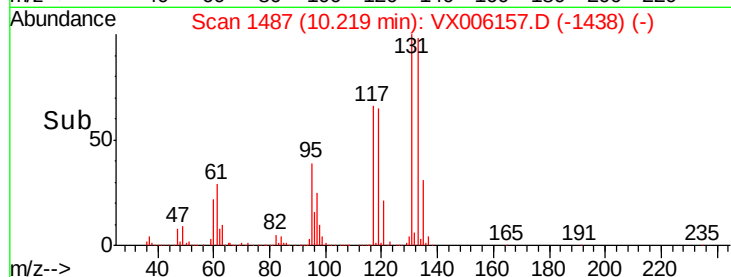
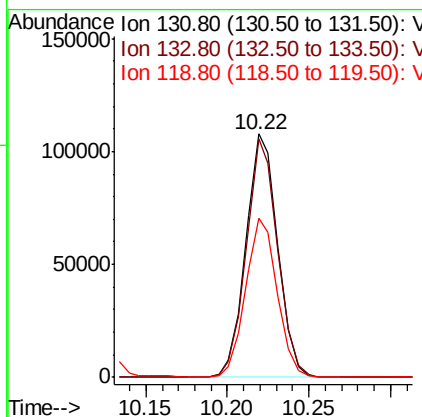
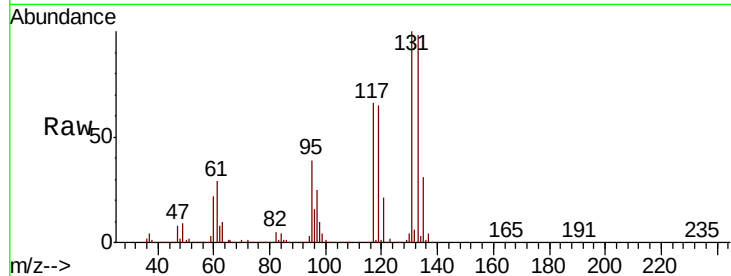
ClientSampled :

VTW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	146693		
133	96.2	48.0	144.2	
119	64.8	32.6	97.8	

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#67

Ethyl Benzene

Concen: 52.854 ug/l

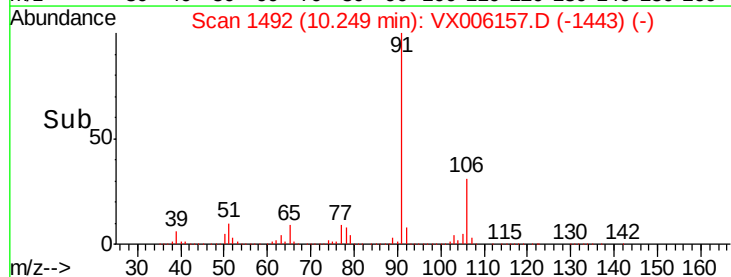
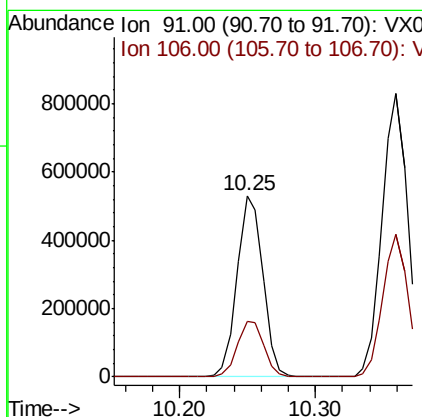
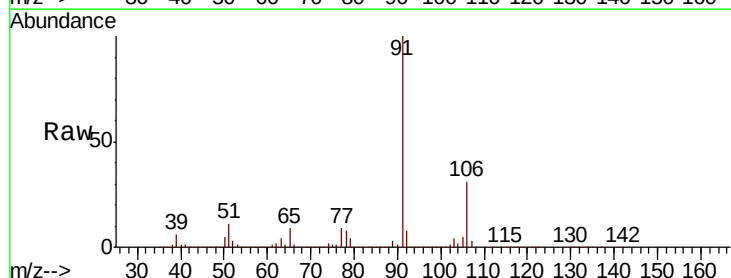
RT: 10.25 min Scan# 1492

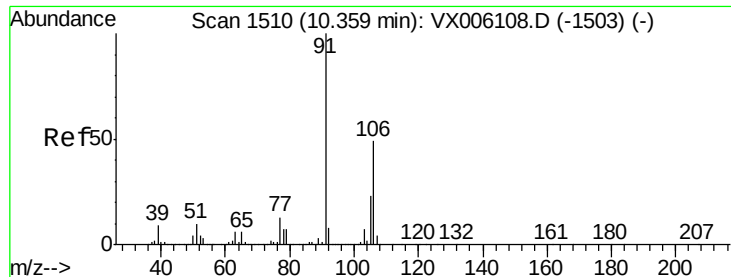
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	704077		
106	30.5	24.4	36.6	





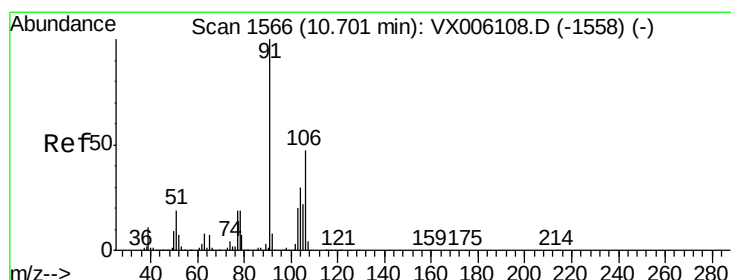
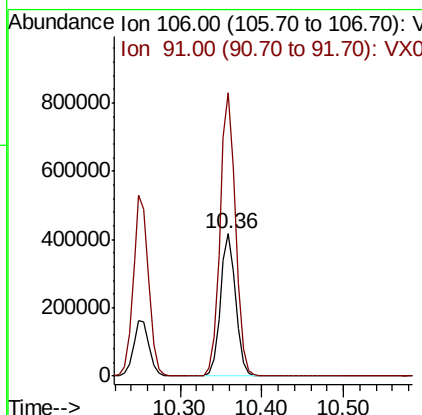
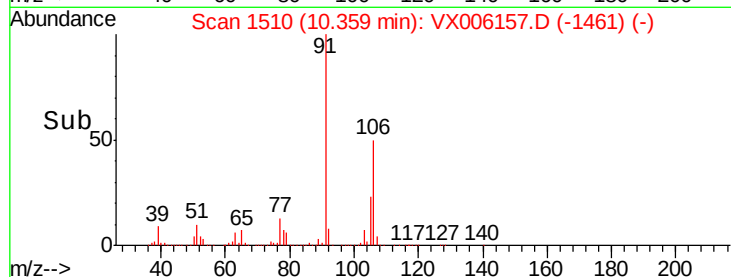
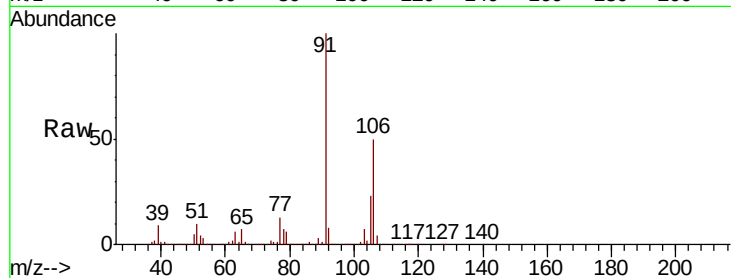
#68
m/p-Xylenes
Concen: 105.270 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		546057		
91	201.8	162.0	243.0		

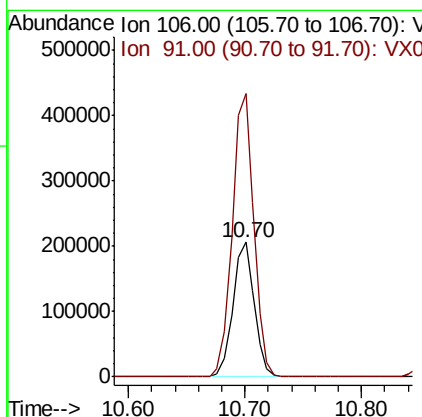
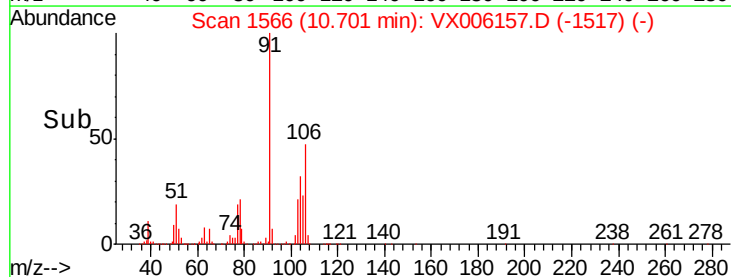
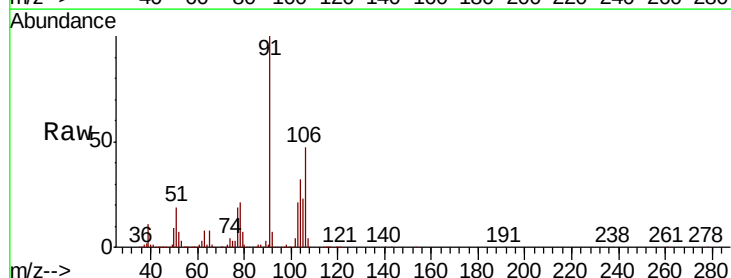
Manual Integrations
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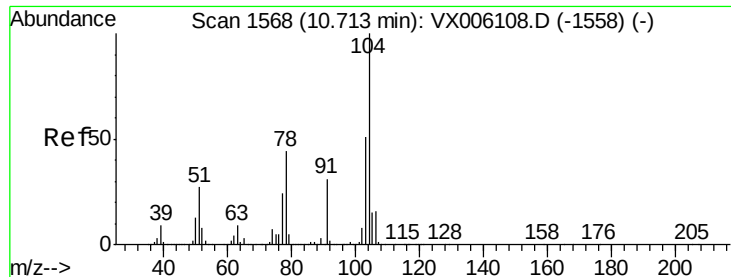
MMDadoda
11/26/2018 9:49:08 AM



#69
o-Xylene
Concen: 52.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		262276		
91	212.9	107.4	322.2		





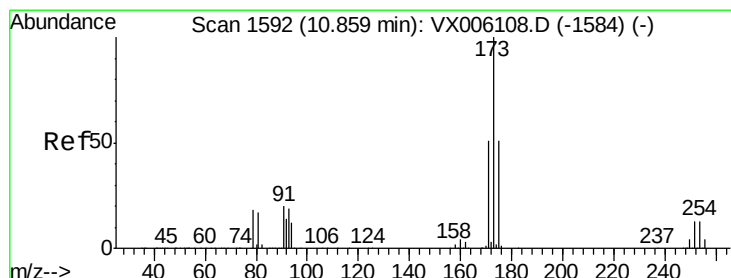
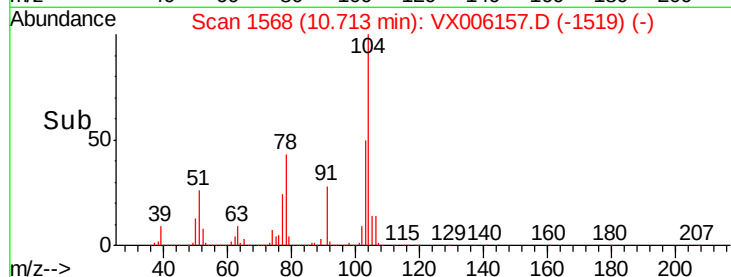
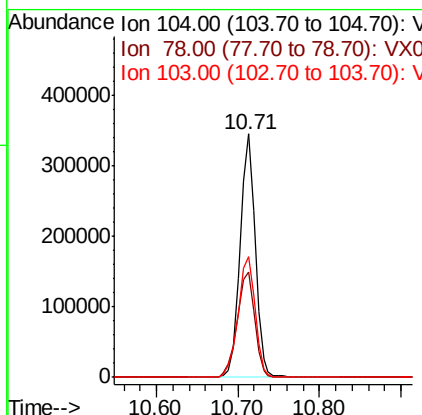
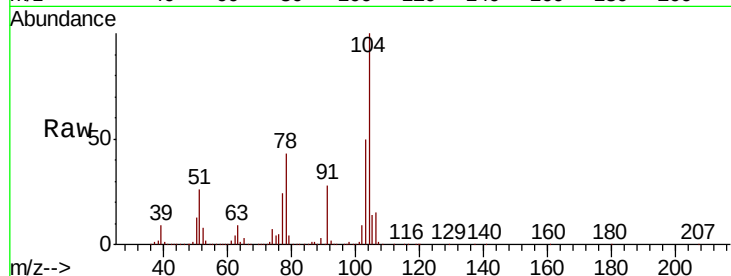
#70
Stvrene
Concen: 54.221 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampled :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	39.4	59.2
103	55.7	44.6	67.0

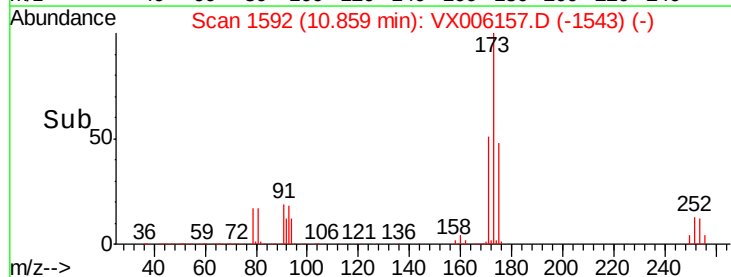
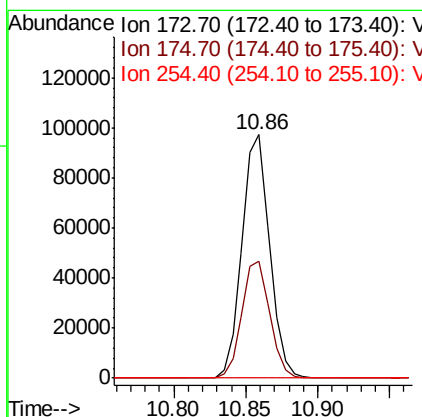
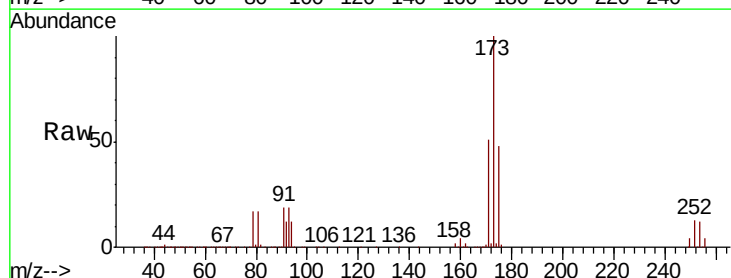
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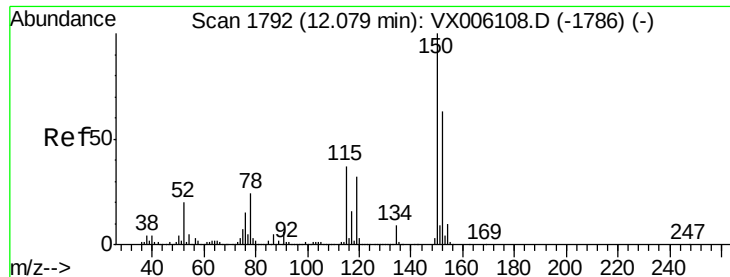
MMDadoda
11/26/2018 9:49:08 AM



#71
Bromoform
Concen: 51.580 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.2	0.2	0.2





#72

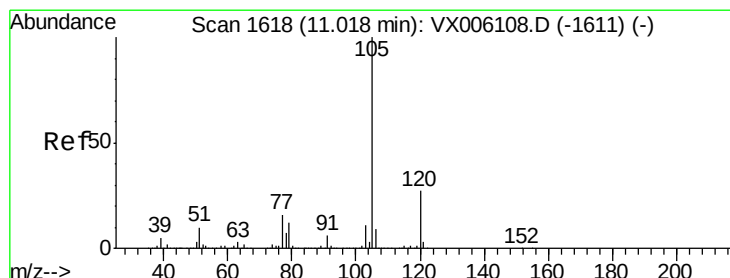
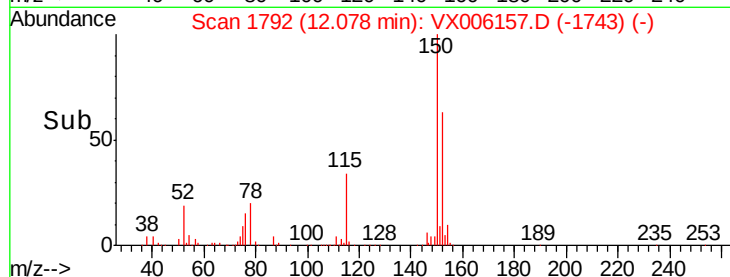
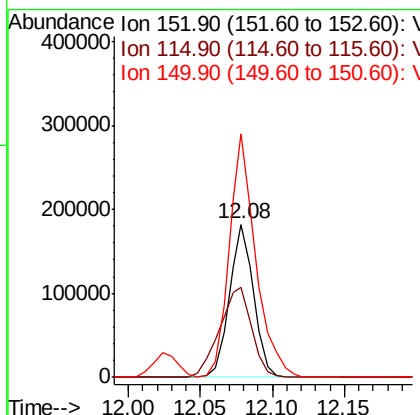
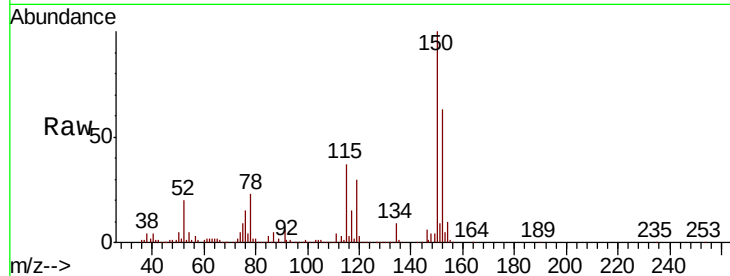
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.5	39.0	116.9
150	173.2	0.0	346.6

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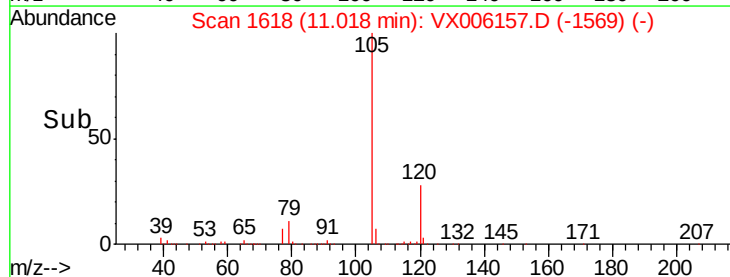
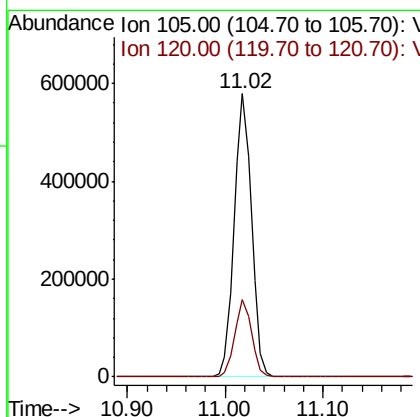
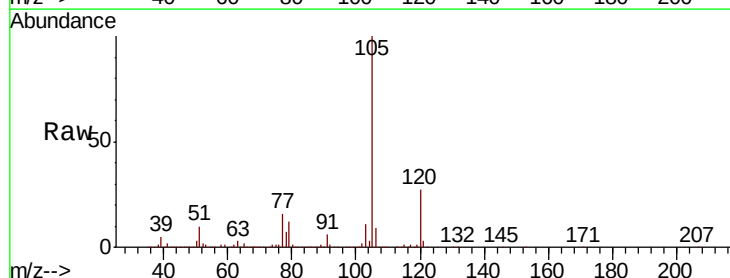
MMDadoda
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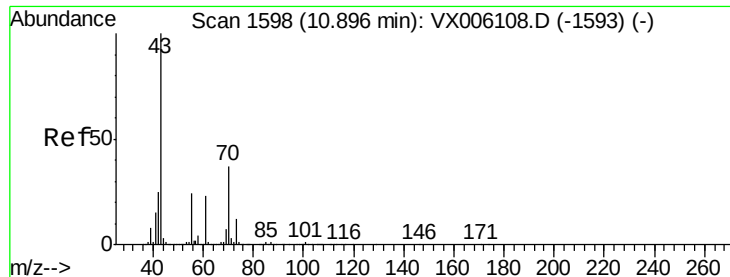


#73

Isopropylbenzene
Concen: 54.689 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.8





#74

N-amvl acetate

Concen: 45.453 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

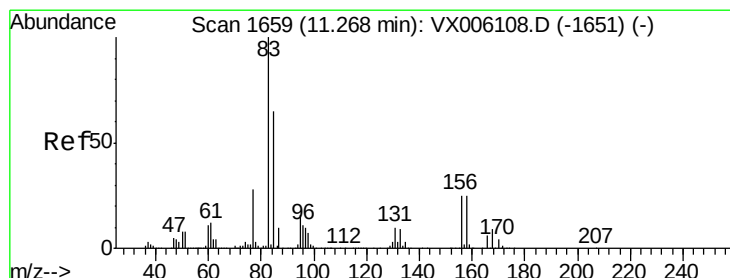
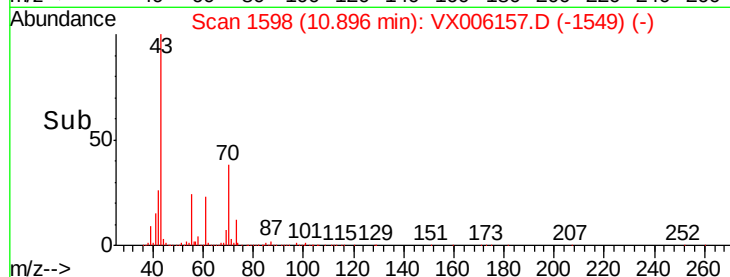
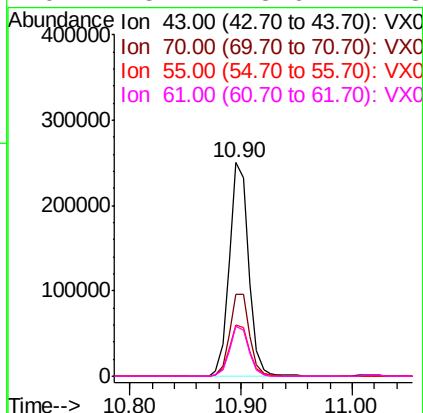
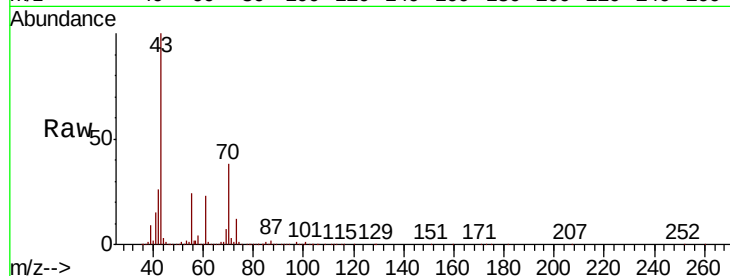
ClientSampleId :

VTW-02MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	39.7	31.8	47.6
55	24.7	19.5	29.3
61	23.2	18.6	27.8

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.191 ug/l

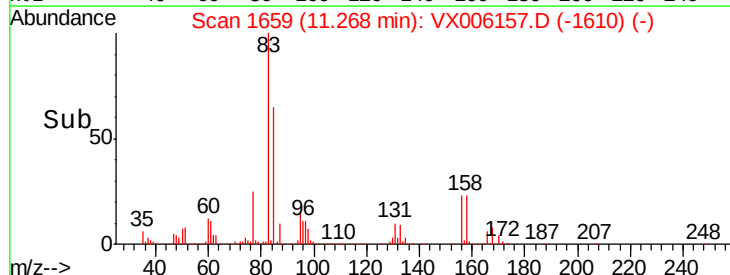
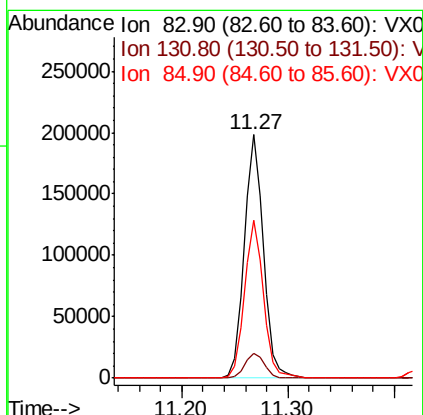
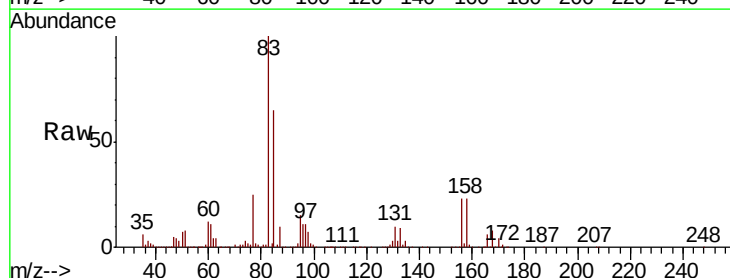
RT: 11.27 min Scan# 1659

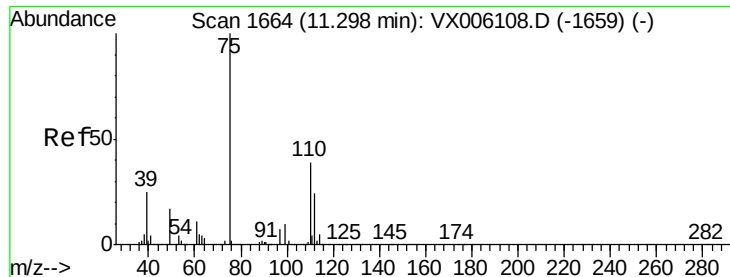
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	64.1	32.6	97.8





#76

1,2,3-Trichloropropane

Concen: 51.605 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampled :

VTW-02MS

Tot Ion: 75 Resp: 228601

Ion Ratio Lower Upper

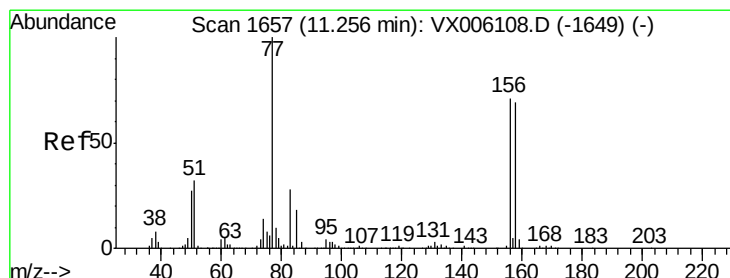
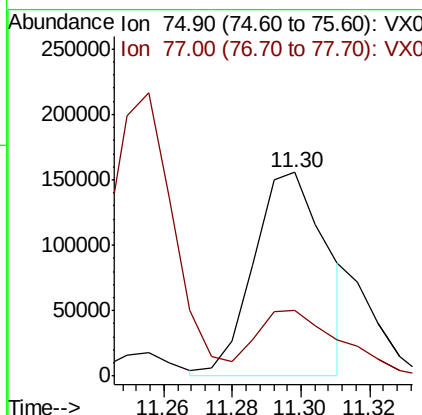
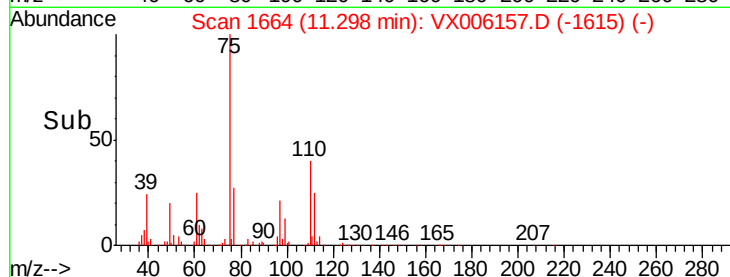
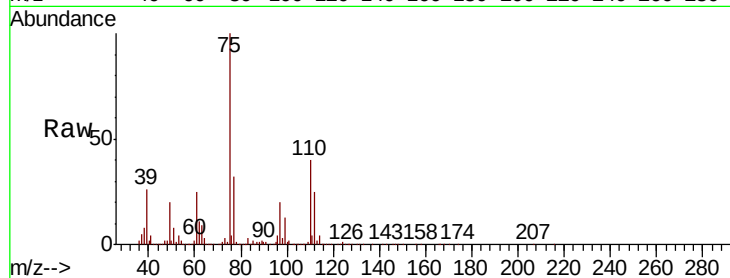
75 100

77 37.5 19.6 58.7

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#77

Bromobenzene

Concen: 51.993 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

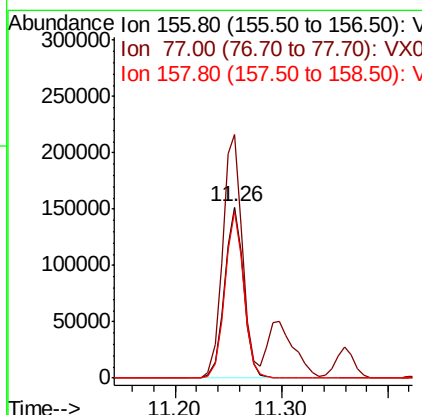
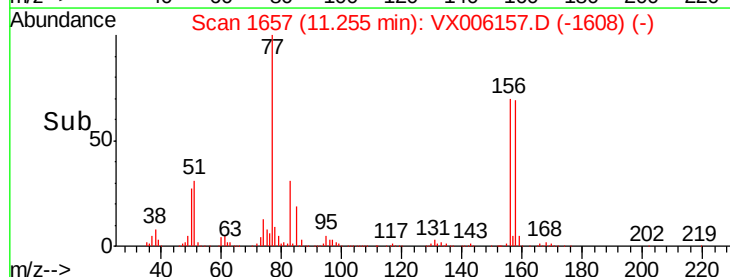
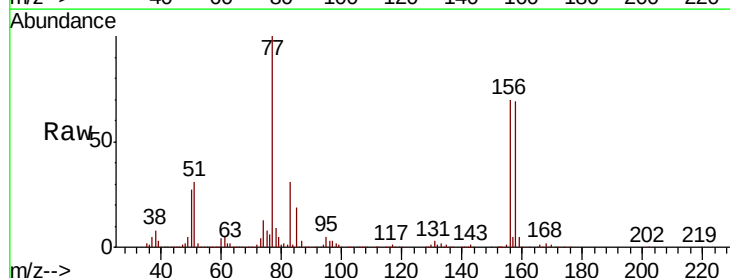
Tgt Ion: 156 Resp: 189620

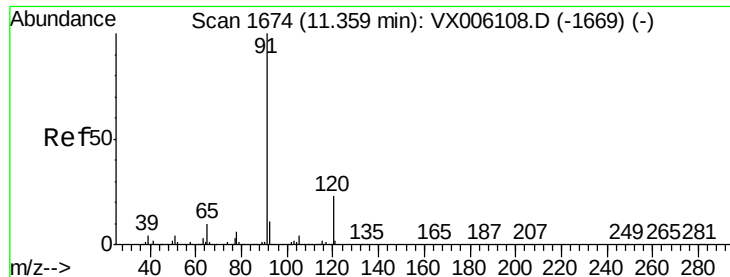
Ion Ratio Lower Upper

156 100

77 147.5 74.3 222.8

158 97.3 49.0 147.0





#78

n-propylbenzene

Concen: 54.113 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion: 91 Resp: 820444

Ion Ratio Lower Upper

91 100

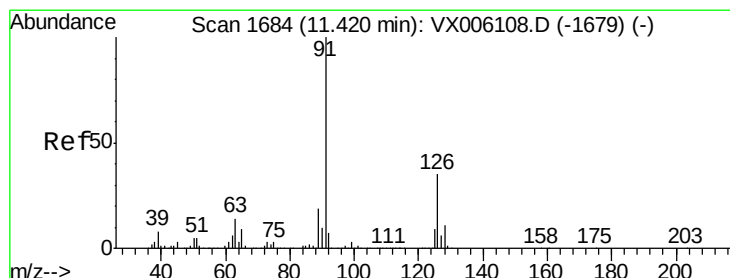
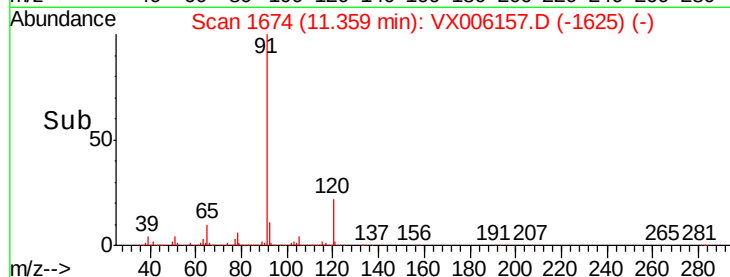
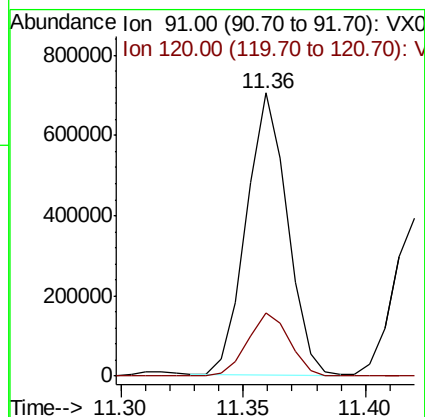
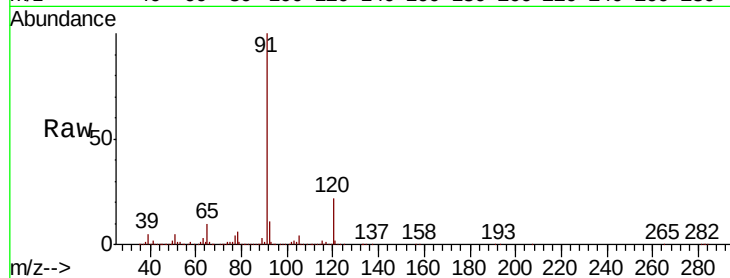
120 23.1 11.8 35.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 52.749 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006157.D

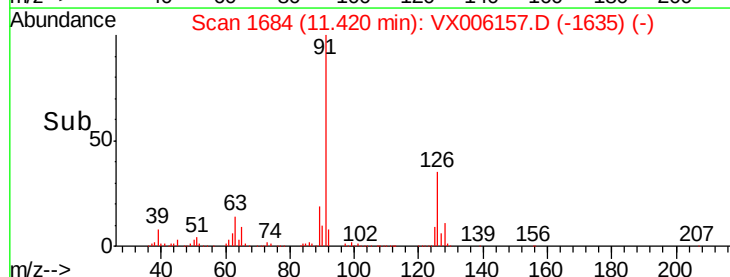
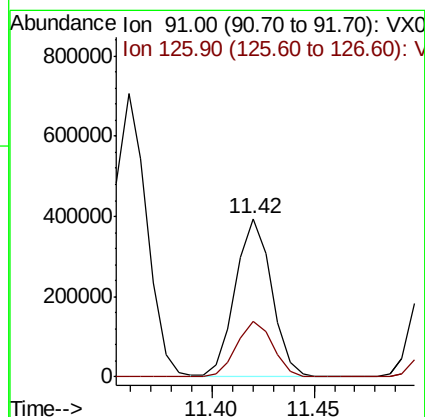
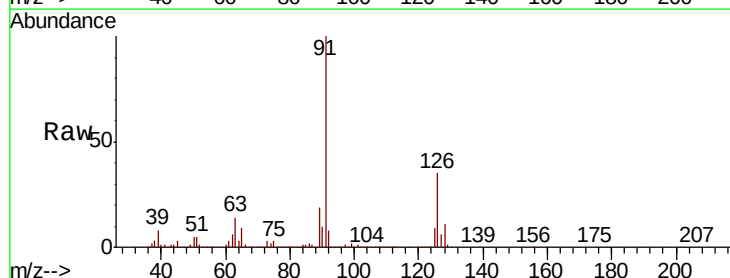
Acq: 22 Nov 2018 07:09

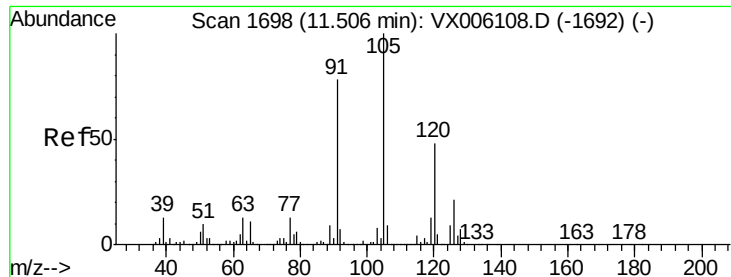
Tgt Ion: 91 Resp: 483837

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9





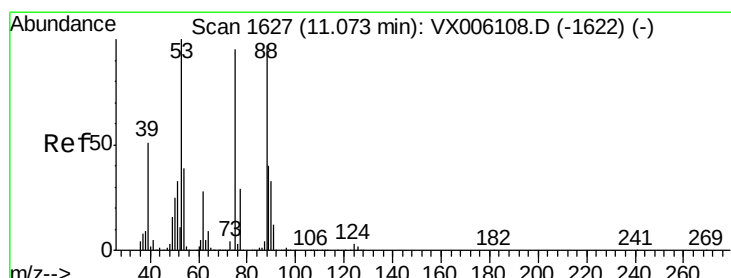
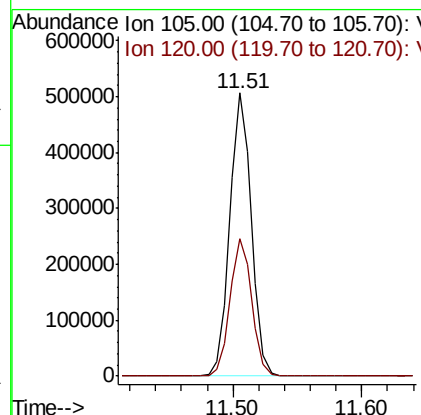
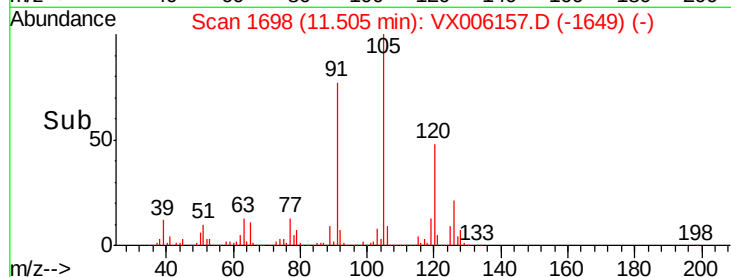
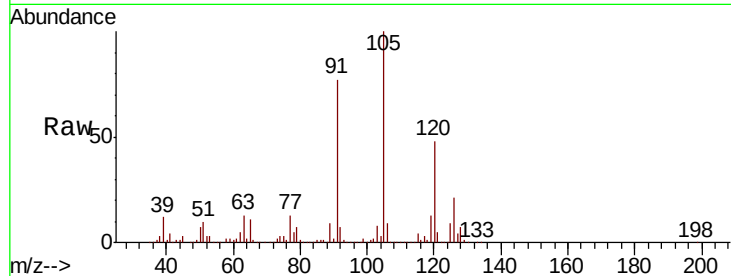
#80
 1,3,5-Trimethylbenzene
 Concen: 54.464 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.3	73.0

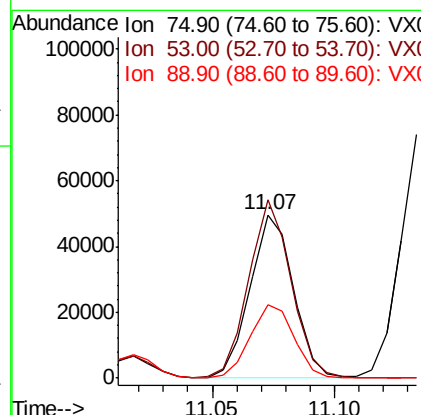
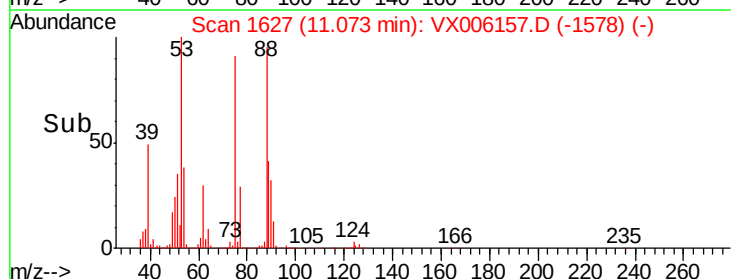
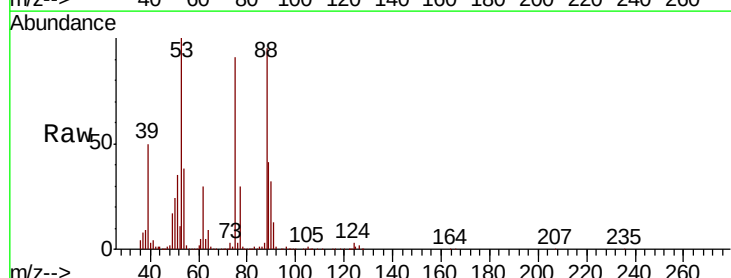
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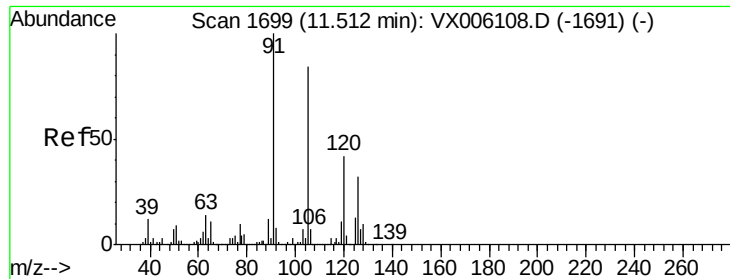
MMDadoda
 11/26/2018 9:49:08 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.378 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.5	85.3	127.9
89	45.9	37.2	55.8





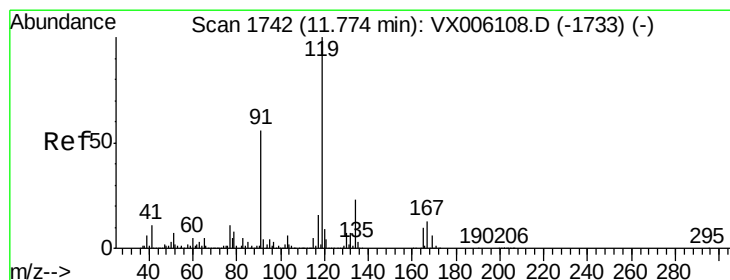
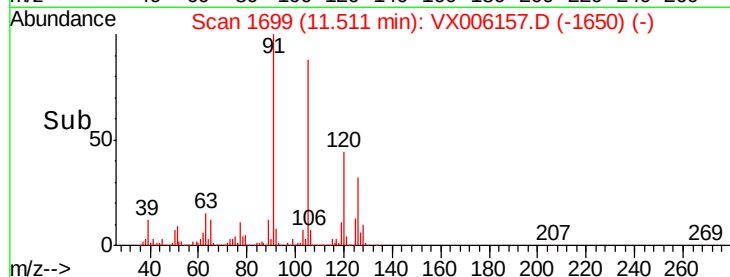
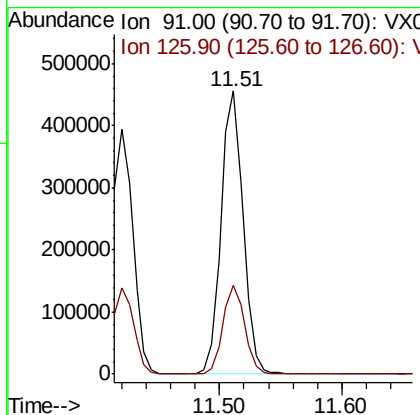
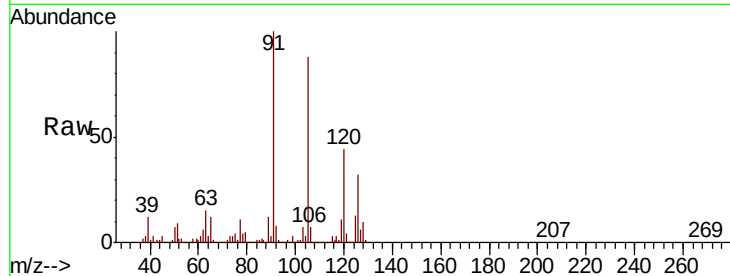
#82
4-Chlorotoluene
Concen: 53.263 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampled :
VTW-02MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.3	45.9

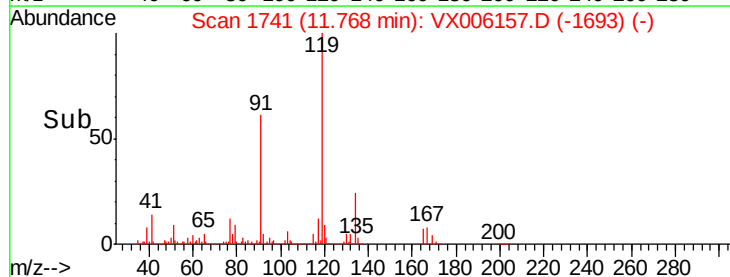
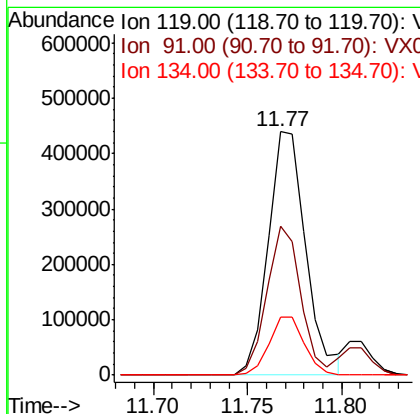
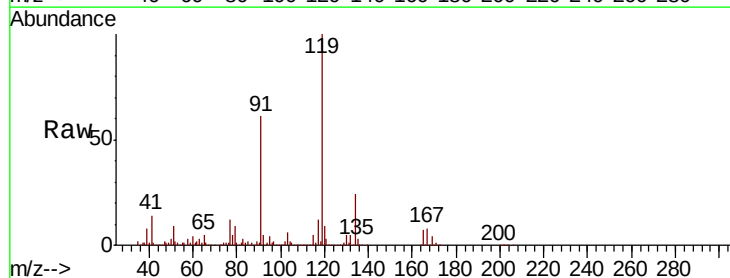
Manual Integrations
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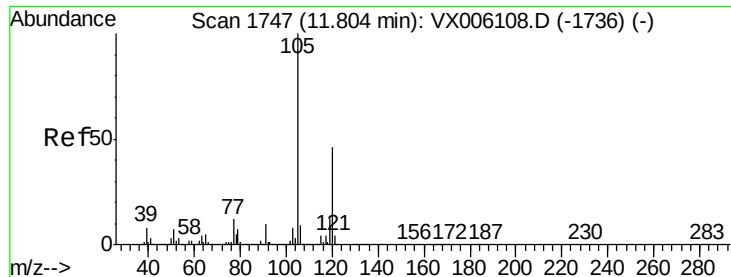
MMDadoda
11/26/2018 9:49:08 AM



#83
tert-Butylbenzene
Concen: 56.634 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.2	84.6
134	22.8	11.5	34.4





#84

1,2,4-Trimethylbenzene

Concen: 55.366 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

ClientSampleId :

VTW-02MS

Tot Ion:105 Resp: 619902

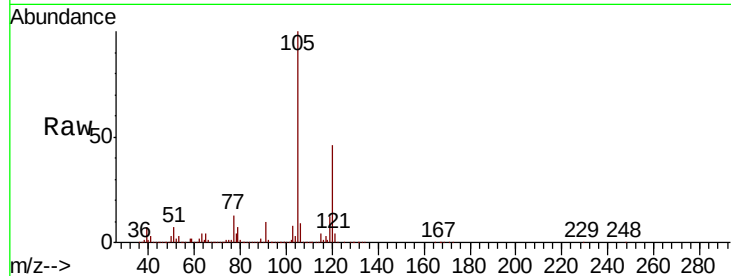
Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.0

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

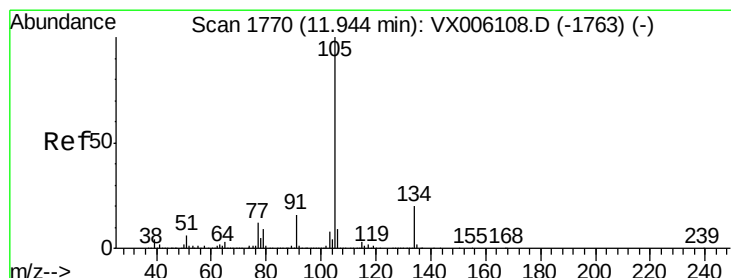
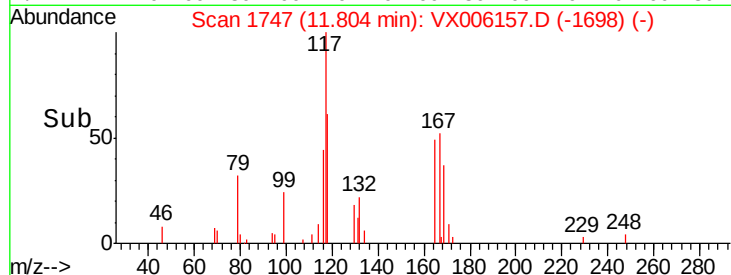
400000

200000

0

11.70 11.80 11.90

Time-->



#85

sec-Butylbenzene

Concen: 54.571 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006157.D

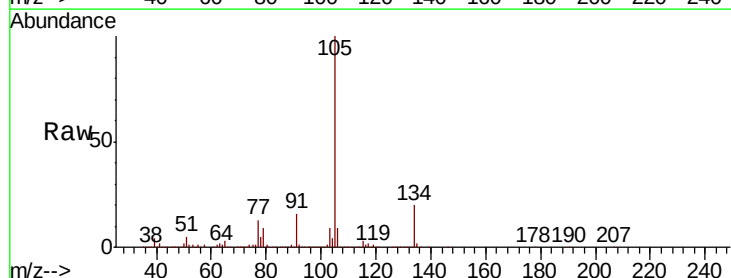
Acq: 22 Nov 2018 07:09

Tgt Ion:105 Resp: 715270

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

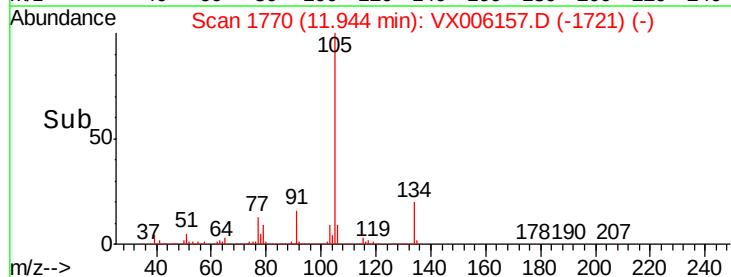
400000

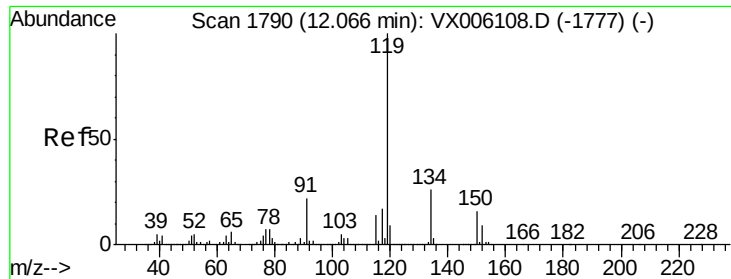
200000

0

11.90 11.95 12.00

Time-->





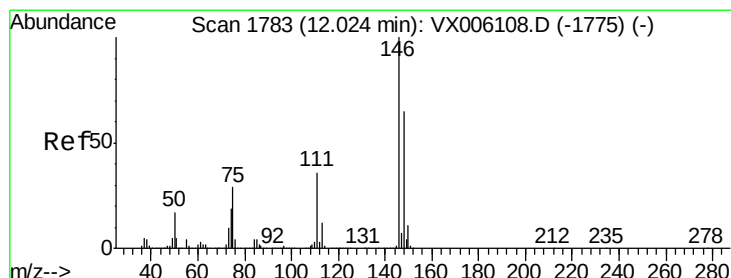
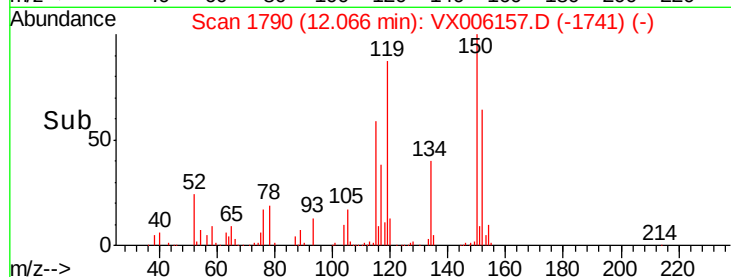
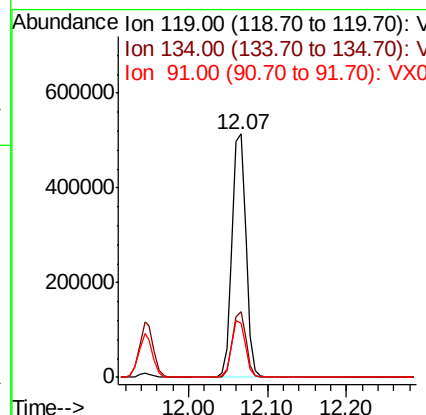
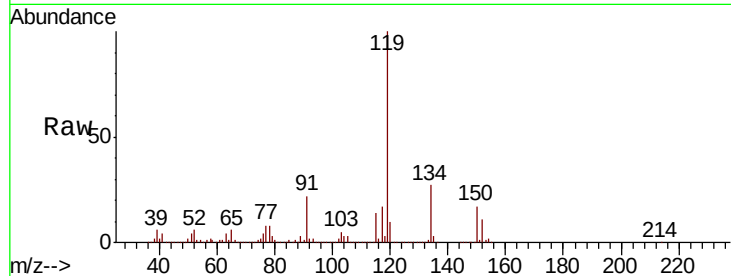
#86
 p-Isopropyltoluene
 Concen: 53.964 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	630626		
134	26.4		13.1	39.3
91	22.8		11.3	33.9

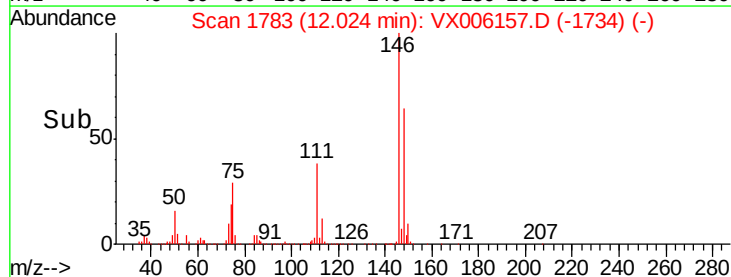
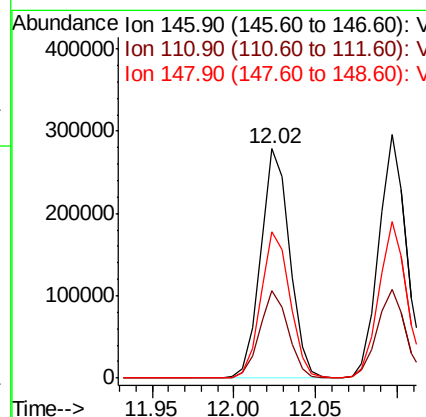
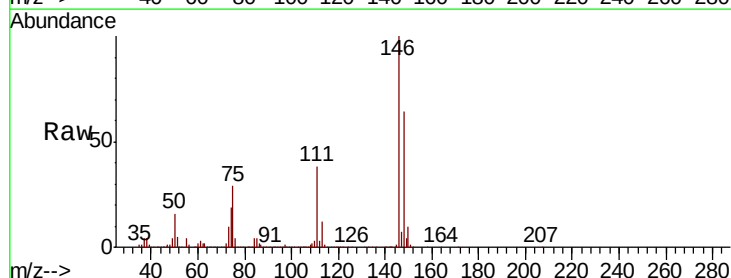
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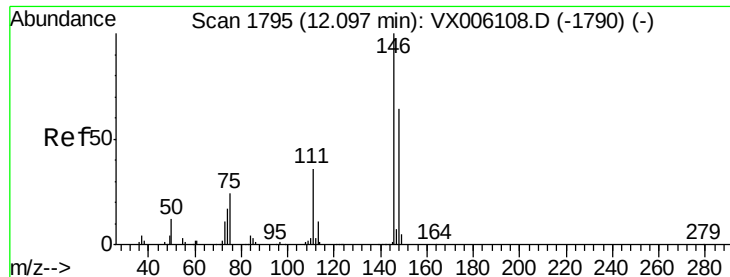
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 11/26/2018 9:49:08 AM



#87
 1,3-Dichlorobenzene
 Concen: 51.369 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	345426		
111	37.4		18.8	56.3
148	64.1		32.2	96.6





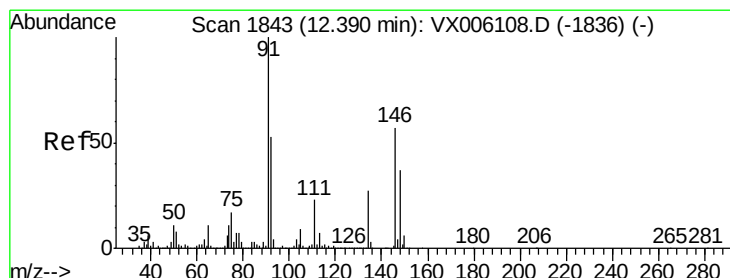
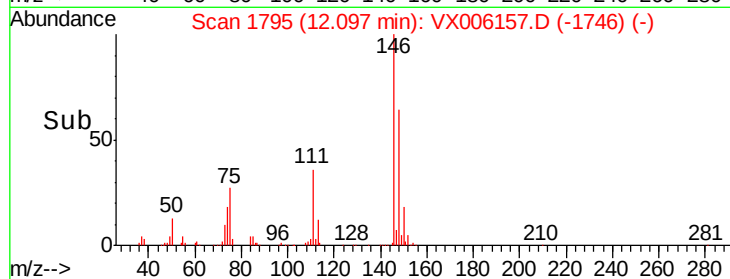
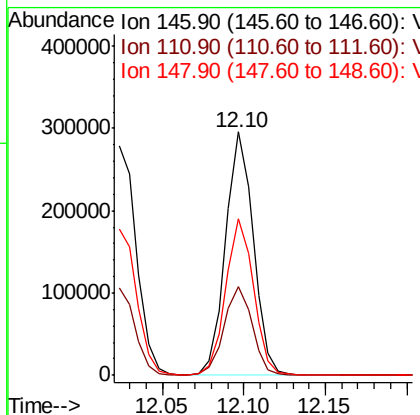
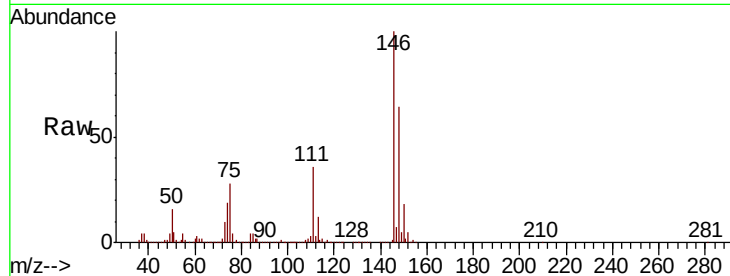
#88
 1,4-Dichlorobenzene
 Concen: 50.161 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.3	54.9
148	64.7	32.2	96.6

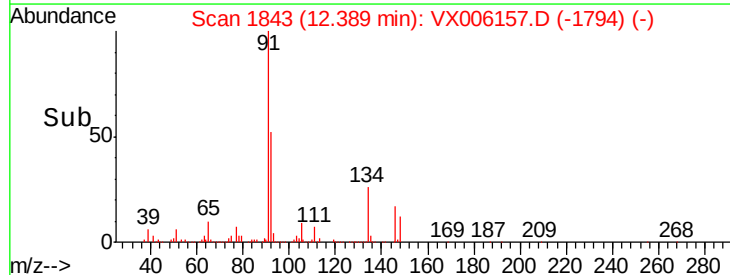
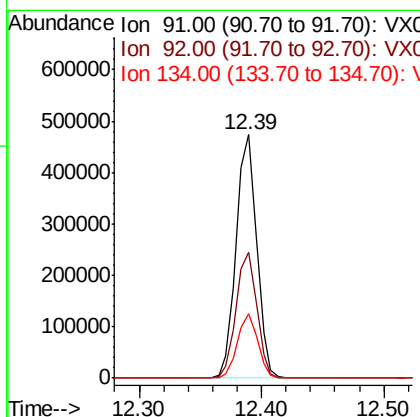
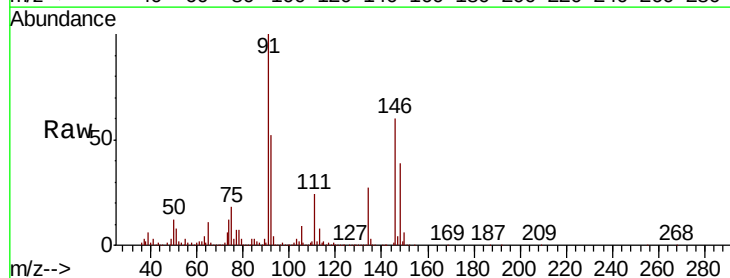
Manual Integrations
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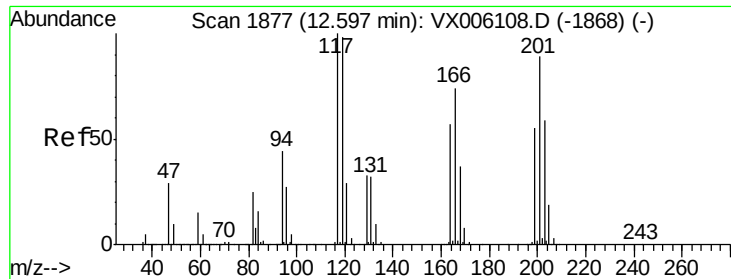
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 11/26/2018 9:49:08 AM



#89
 n-Butylbenzene
 Concen: 51.545 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	26.2	13.1	39.3





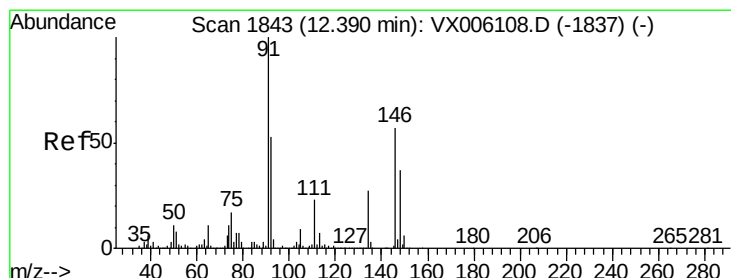
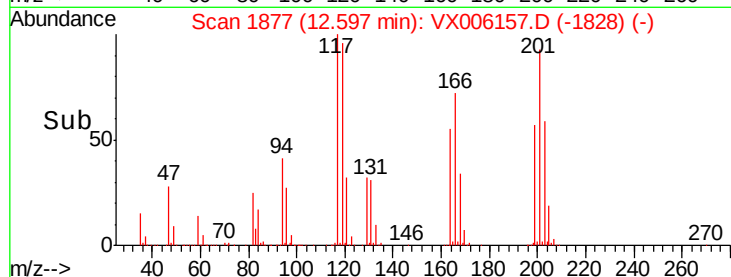
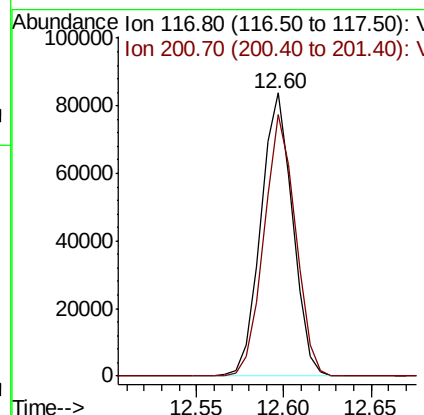
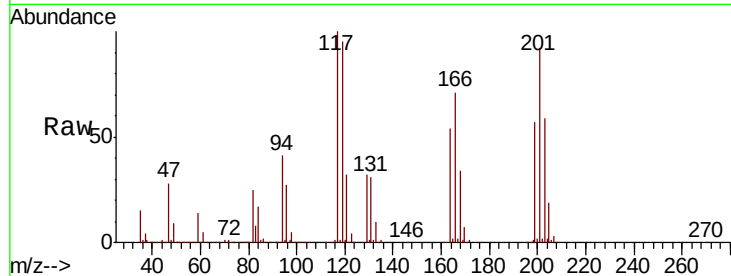
#90
Hexachloroethane
Concen: 56.782 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Instrument :
MSVOA_X
ClientSampleId :
VTW-02MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	105891		
201	91.5	46.1	138.2	

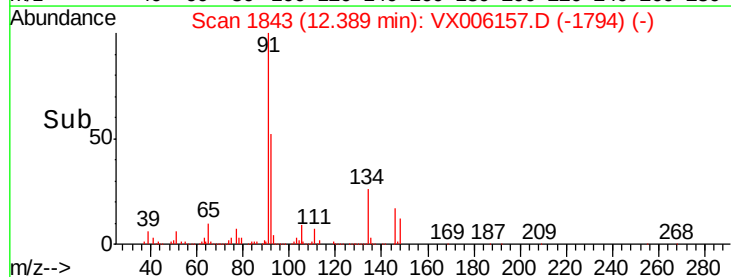
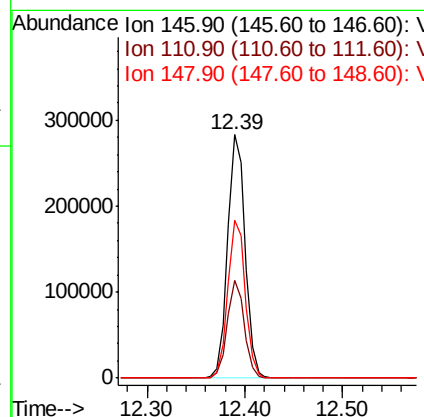
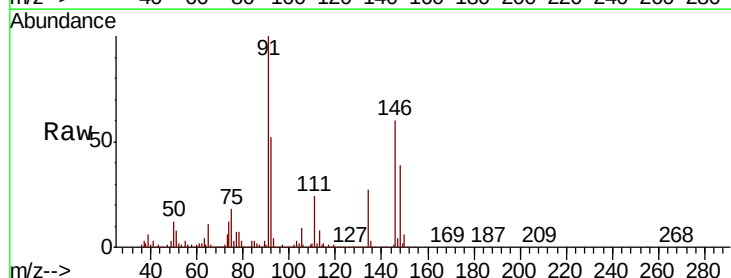
Manual Integrations
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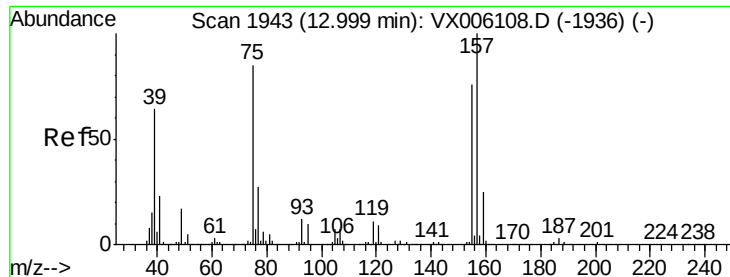
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 51.035 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006157.D
Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	350860		
111	39.2	19.6	58.8	
148	64.8	32.0	96.0	





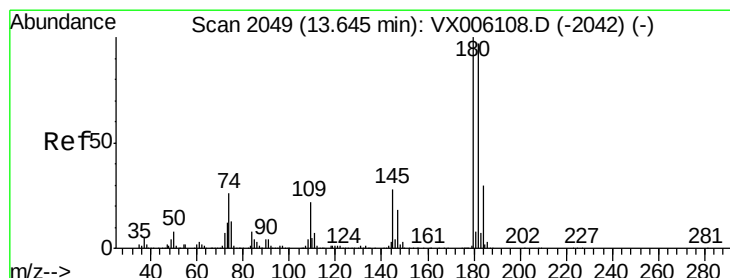
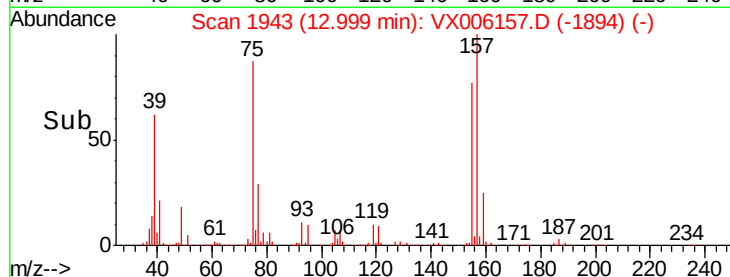
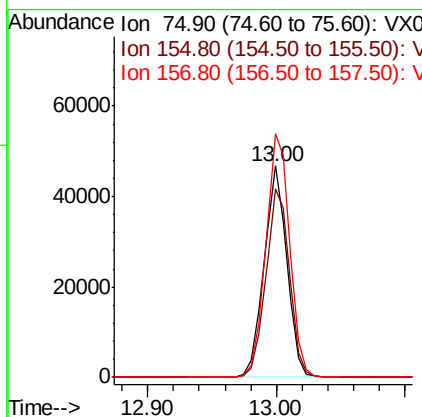
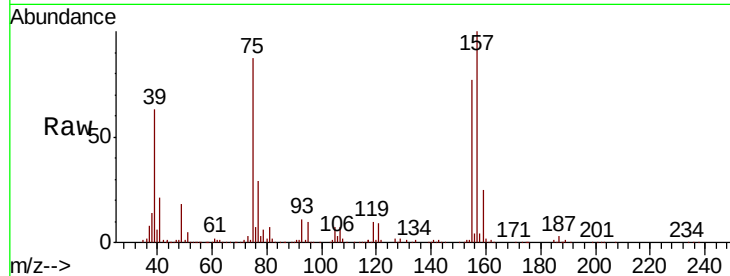
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.219 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.6	46.1	138.3
157	121.0	59.8	179.3

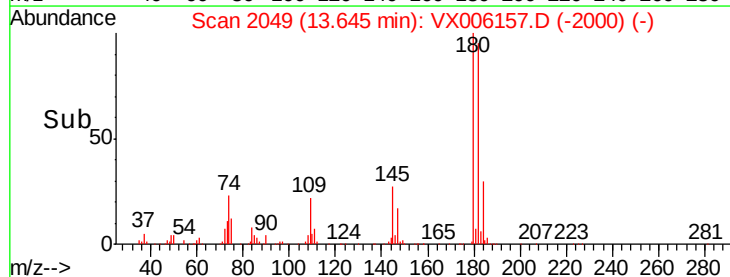
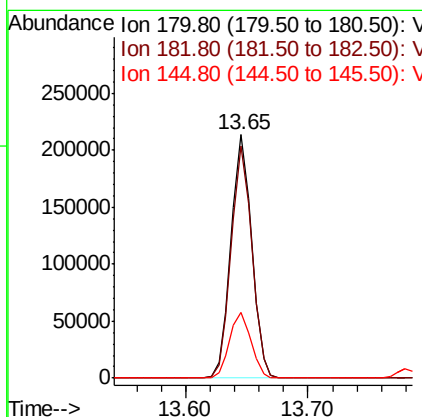
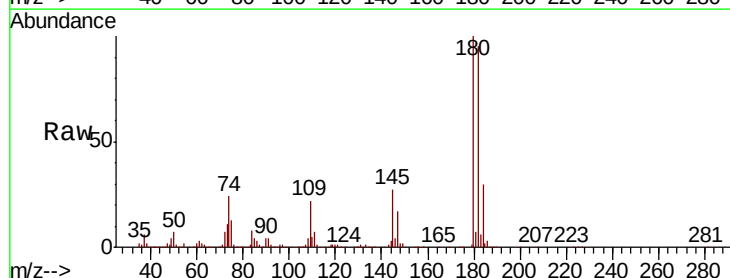
Manual Integrations
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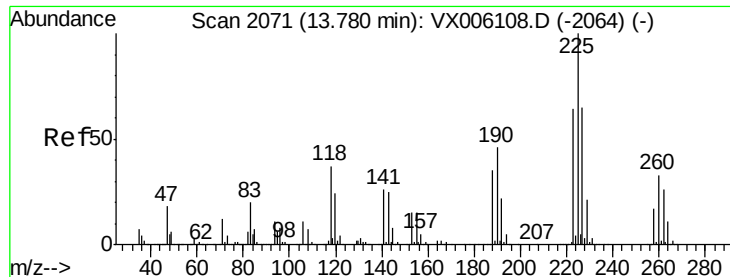
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 11/26/2018 9:49:08 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.504 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.2	144.6
145	27.8	14.1	42.2





#94

Hexachlorobutadiene

Concen: 48.616 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Instrument :

MSVOA_X

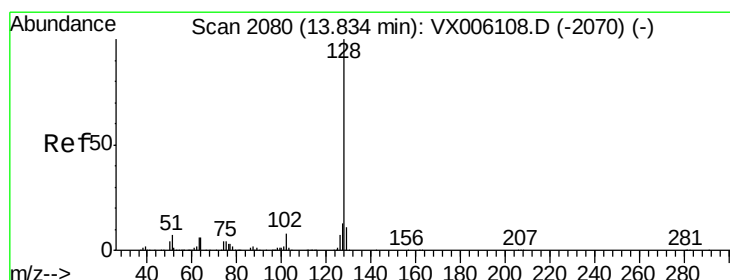
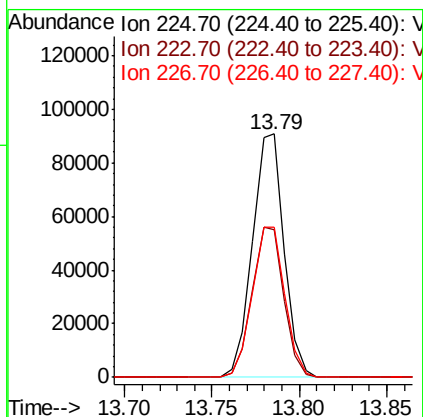
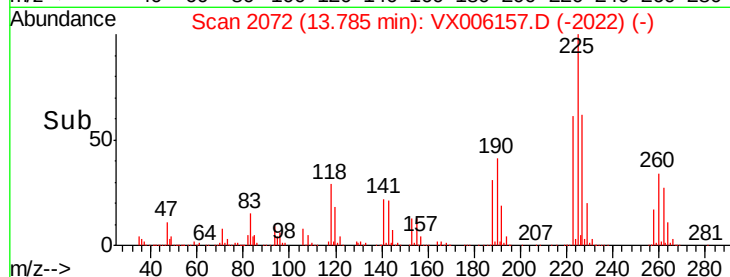
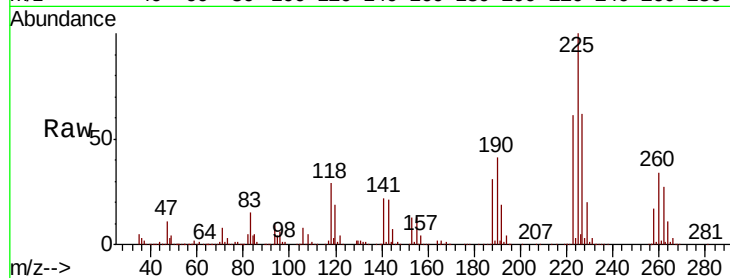
ClientSampleId :

VTW-02MS

Tot Ion:	225	Resp:	114750
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.2	93.6
227	63.4	32.4	97.2

Manual Integrations
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#95

Naphthalene

Concen: 57.411 ug/l

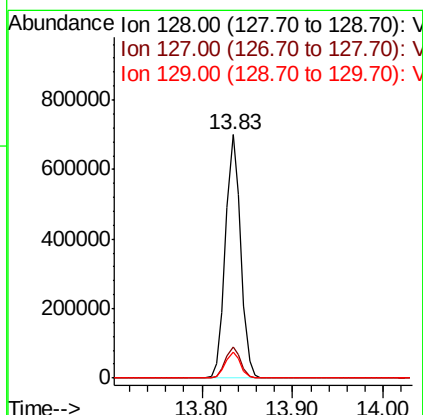
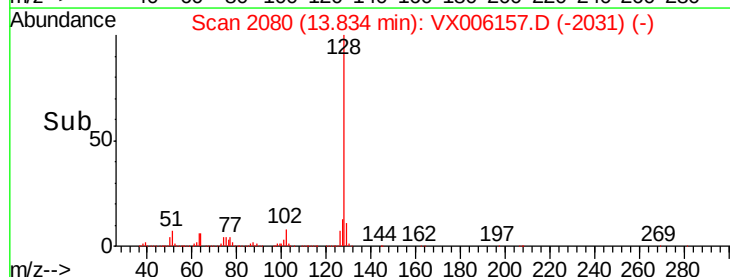
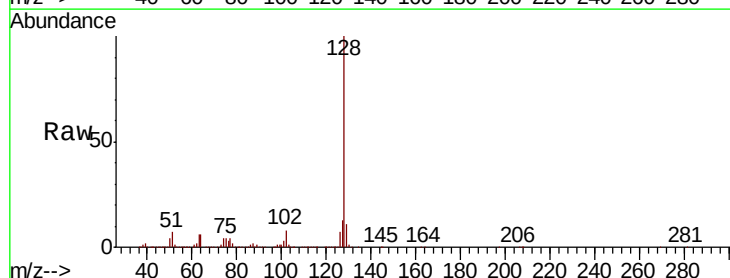
RT: 13.83 min Scan# 2080

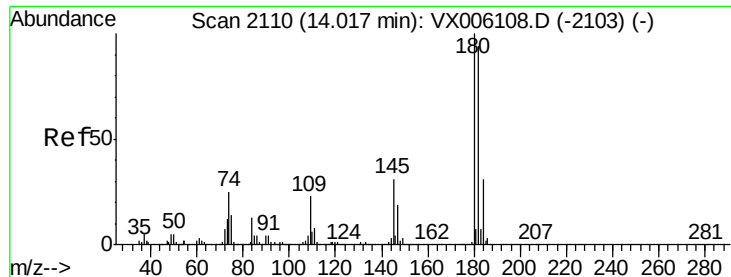
Delta R.T. -0.00 min

Lab File: VX006157.D

Acq: 22 Nov 2018 07:09

Tgt Ion:	128	Resp:	817601
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	8.8	13.2





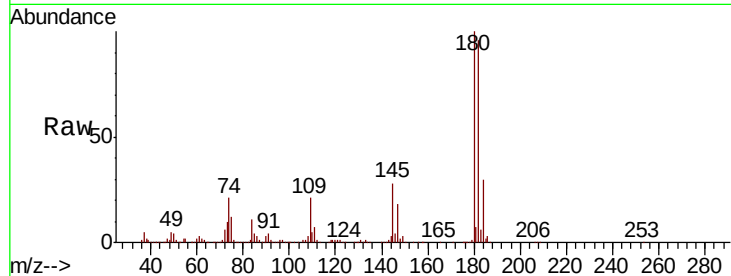
#96
 1,2,3-Trichlorobenzene
 Concen: 51.235 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX006157.D
 Acq: 22 Nov 2018 07:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	29.5	15.0	45.0

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:08 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

