

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006161.D
 Acq On : 22 Nov 2018 08:55
 Operator : JC/MD
 Sample : J6030-02MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:30 AM

Quant Time: Nov 22 23:24:05 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	5.67	168	252401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175089	59.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.74%	
35) Dibromofluoromethane	5.50	113	139329	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	8.71	98	474113	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.13	95	177377	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84945	45.289	ug/l	97
3) Chloromethane	1.32	50	159921	67.495	ug/l	96
4) Vinyl Chloride	1.41	62	125886	52.234	ug/l	91
5) Bromomethane	1.64	94	95876	51.597	ug/l	99
6) Chloroethane	1.72	64	180330	113.930	ug/l	89
7) Trichlorofluoromethane	1.93	101	154111	48.881	ug/l	97
8) Diethyl Ether	2.19	74	77174	57.907	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79386	42.464	ug/l	98
10) Methyl Iodide	2.51	142	128199	54.695	ug/l	99
11) Tert butyl alcohol	3.07	59	177673	285.574	ug/l	97
12) 1,1-Dichloroethene	2.37	96	88611	48.620	ug/l	96
13) Acrolein	2.29	56	30628	82.268	ug/l	96
14) Allyl chloride	2.73	41	196216	52.623	ug/l #	82
15) Acrylonitrile	3.15	53	389529	283.457	ug/l	99
16) Acetone	2.45	43	395690	304.888	ug/l	100
17) Carbon Disulfide	2.57	76	10223945	2077.578	ug/l	99
18) Methyl Acetate	2.78	43	198505	59.644	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	376678	59.794	ug/l	98
20) Methylene Chloride	2.85	84	115480	58.849	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	100853	52.890	ug/l	99
22) Diisopropyl ether	3.87	45	485666	60.845	ug/l	90
23) Vinyl Acetate	3.82	43	2149411	324.578	ug/l	100
24) 1,1-Dichloroethane	3.70	63	209476	55.705	ug/l	99
25) 2-Butanone	4.70	43	691717	287.147	ug/l	99
26) 2,2-Dichloropropane	4.58	77	122527	39.533	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	144453	54.201	ug/l	98
28) Bromochloromethane	5.02	49	131355	59.933	ug/l	99
29) Tetrahydrofuran	5.15	42	443055	294.833	ug/l	99
30) Chloroform	5.21	83	250240	54.913	ug/l	98
31) Cyclohexane	5.58	56	167014	42.519	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	198047	53.823	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156628	44.747	ug/l	99
37) Ethyl Acetate	4.85	43	251738	55.900	ug/l	100
38) Carbon Tetrachloride	5.78	117	162008	49.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162620	40.780	ug/l	97
40) Benzene	6.14	78	575675	55.823	ug/l	98
41) Methacrylonitrile	5.06	41	139638	56.266	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209749	54.403	ug/l	100
43) Isopropyl Acetate	6.46	43	381226	58.618	ug/l	99
44) Trichloroethene	7.21	130	134374	46.883	ug/l	94
45) 1,2-Dichloropropane	7.51	63	151249	55.420	ug/l	98
46) Dibromomethane	7.66	93	103206	55.219	ug/l	99
47) Bromodichloromethane	7.90	83	195632	56.594	ug/l	99
48) Methyl methacrylate	7.77	41	201781	61.176	ug/l	99
49) 1,4-Dioxane	7.75	88	80217	1025.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1354005	290.411	ug/l	100
52) Toluene	8.79	92	336278	52.720	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	195420	54.174	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	206898	51.884	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	150891	54.622	ug/l	97
56) Ethyl methacrylate	9.18	69	230471	53.371	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248657	54.609	ug/l	100
59) 2-Hexanone	9.49	43	1071259	289.521	ug/l	100
60) Dibromochloromethane	9.59	129	158651	58.579	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161592	56.780	ug/l	100
64) Tetrachloroethene	9.34	164	110153	37.932	ug/l	98
65) Chlorobenzene	10.14	112	364472	50.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	140534	56.552	ug/l	99
67) Ethyl Benzene	10.25	91	601192	50.726	ug/l	100
68) m/p-Xylenes	10.36	106	477336	103.431	ug/l	100
69) o-Xylene	10.70	106	237469	53.869	ug/l	99
70) Styrene	10.71	104	367748	51.164	ug/l	98
71) Bromoform	10.86	173	132223	59.442	ug/l	100
73) Isopropylbenzene	11.02	105	580693	50.869	ug/l	99
74) N-amyl acetate	10.90	43	344704	58.834	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	259860	60.404	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234747m	60.435	ug/l	
77) Bromobenzene	11.26	156	170349	53.269	ug/l	99
78) n-propylbenzene	11.36	91	659699	49.622	ug/l	100
79) 2-Chlorotoluene	11.42	91	412697	51.312	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	497056	51.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57962	50.470	ug/l	99
82) 4-Chlorotoluene	11.51	91	484103	51.577	ug/l	99
83) tert-Butylbenzene	11.77	119	505350	53.783	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	531728	54.160	ug/l	99
85) sec-Butylbenzene	11.94	105	568401	49.456	ug/l	99
86) p-Isopropyltoluene	12.07	119	515482	50.306	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	298952	50.701	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	305174	49.926	ug/l	100
89) n-Butylbenzene	12.39	91	447219	48.205	ug/l	99
90) Hexachloroethane	12.60	117	84239	51.516	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	318087	52.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61182	61.289	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	226962	53.445	ug/l	99

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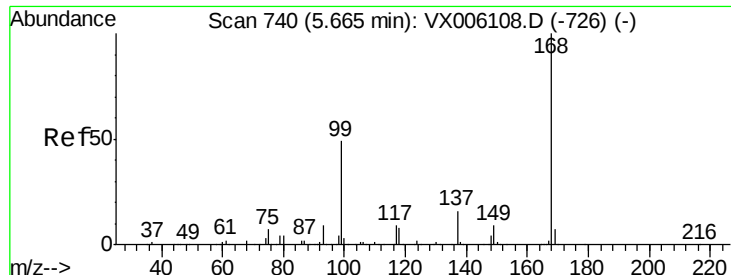
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	96129	46.447	ug/l	99
95) Naphthalene	13.83	128	1169689	93.670	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238687	55.132	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion:168 Resp: 252401

Ion Ratio Lower Upper

168 100

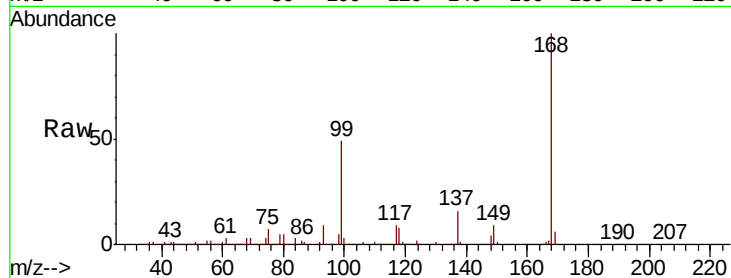
99 48.4 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

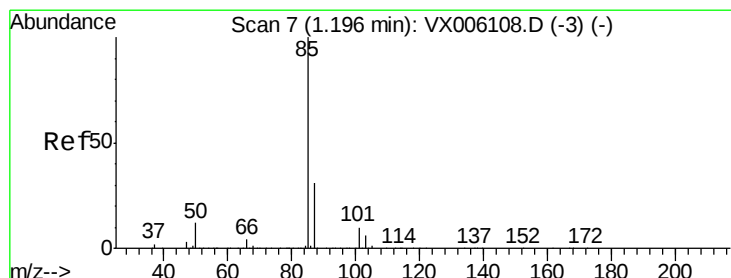
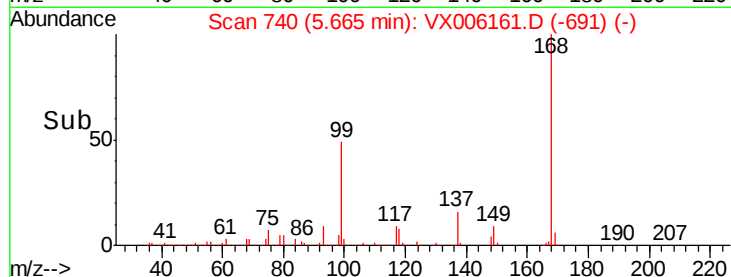
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.289 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006161.D

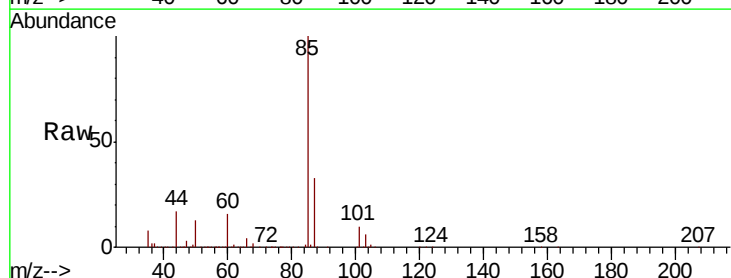
Acq: 22 Nov 2018 08:55

Tgt Ion: 85 Resp: 84945

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

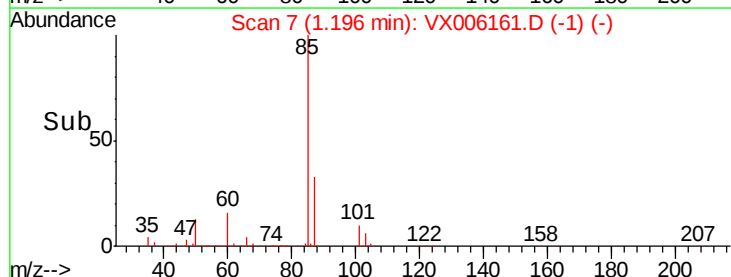
1.15

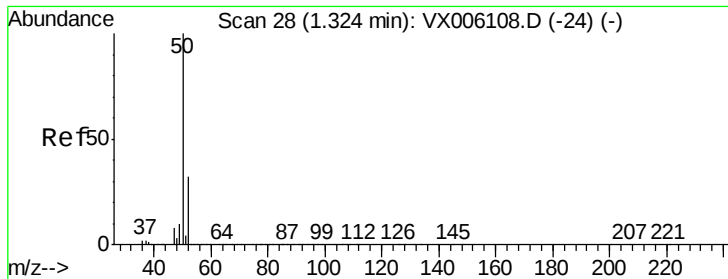
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 67.495 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 50 Resp: 159921

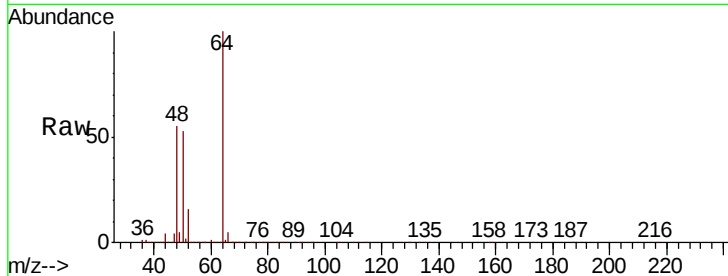
Ion Ratio Lower Upper

50 100

52 29.7 25.6 38.4

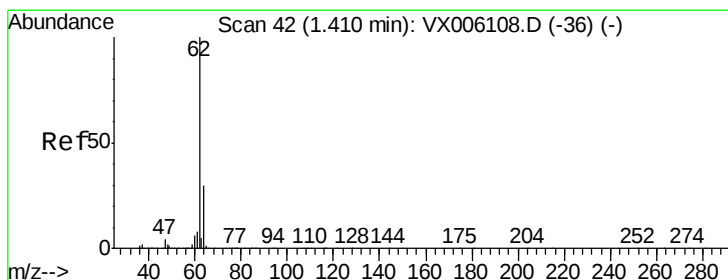
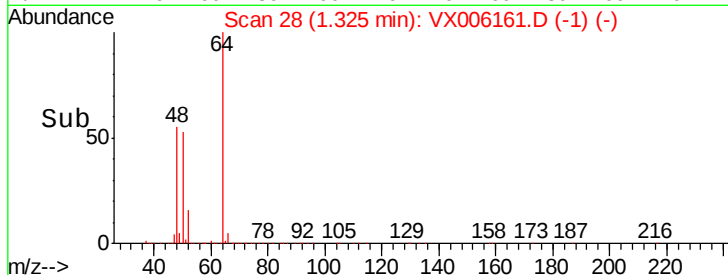
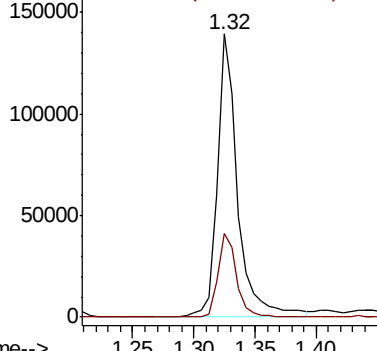
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.234 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006161.D

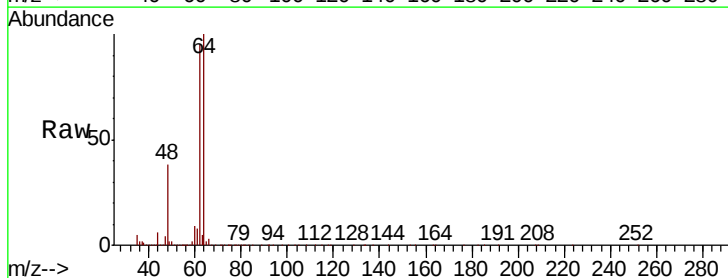
Acq: 22 Nov 2018 08:55

Tgt Ion: 62 Resp: 125886

Ion Ratio Lower Upper

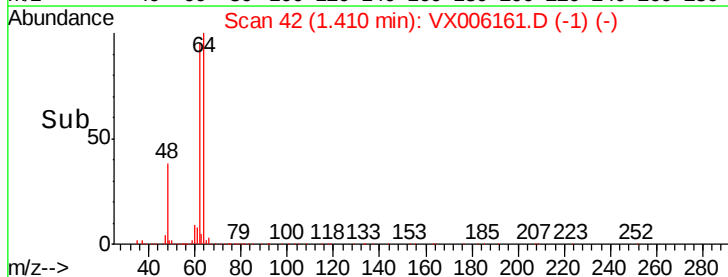
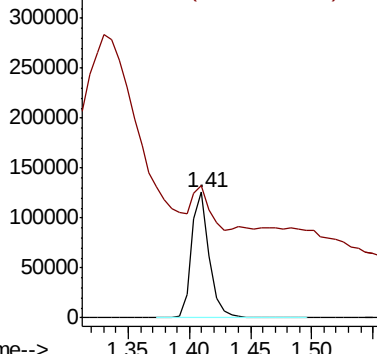
62 100

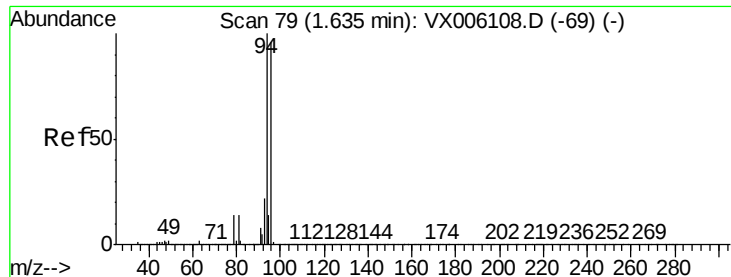
64 35.4 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.597 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 94 Resp: 95876

Ion Ratio Lower Upper

94 100

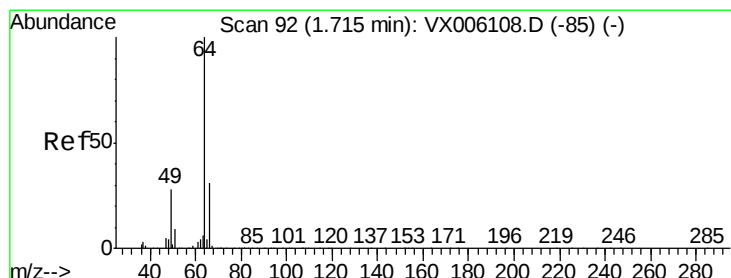
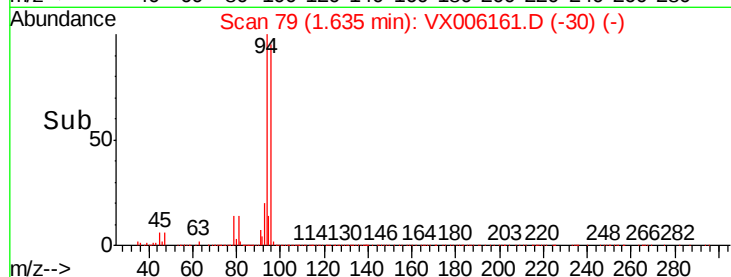
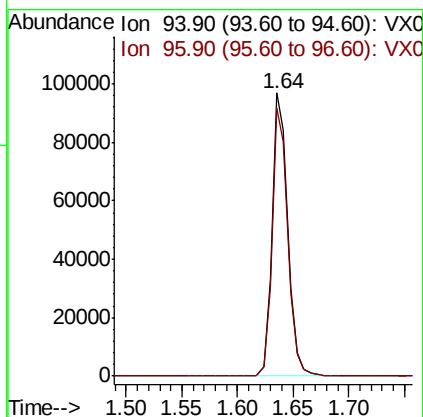
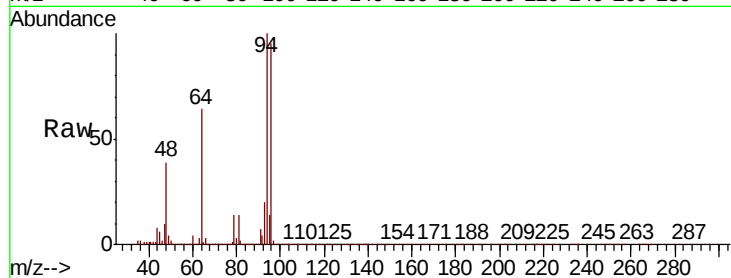
96 94.6 76.7 115.1

Manual Integrations

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11/26/2018 9:49:30 AM



#6

Chloroethane

Concen: 113.930 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006161.D

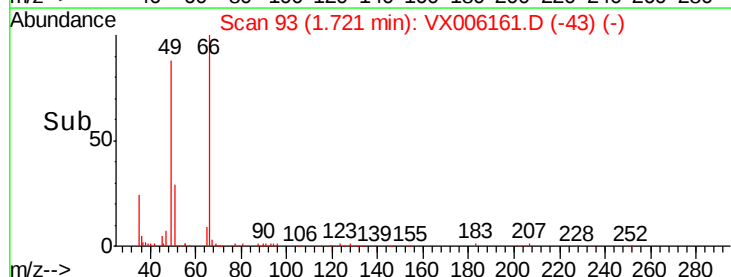
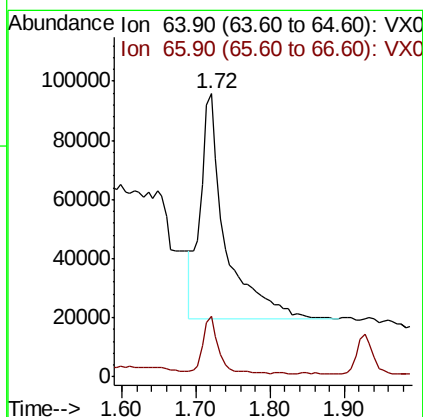
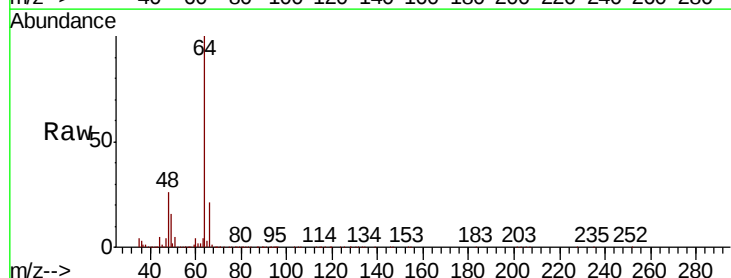
Acq: 22 Nov 2018 08:55

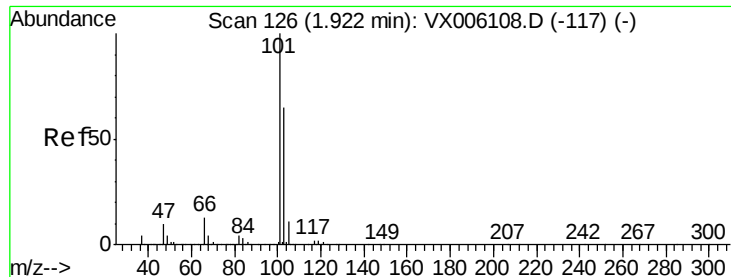
Tgt Ion: 64 Resp: 180330

Ion Ratio Lower Upper

64 100

66 25.6 25.1 37.7





#7

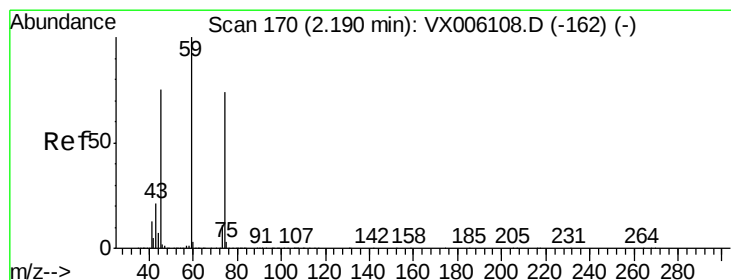
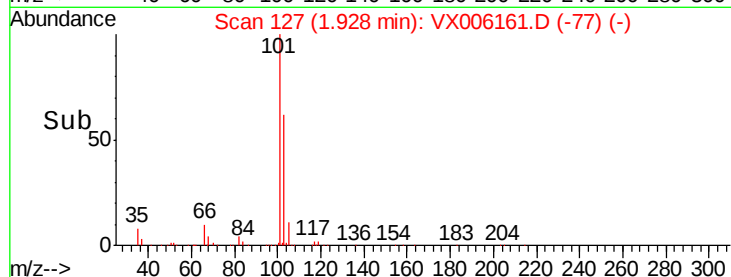
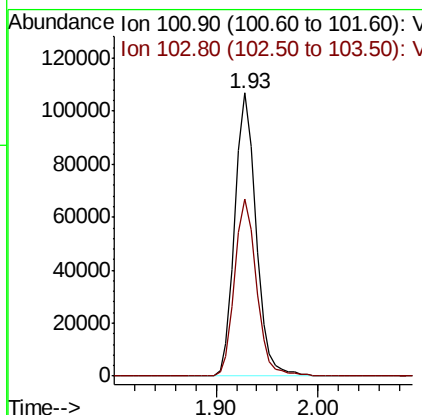
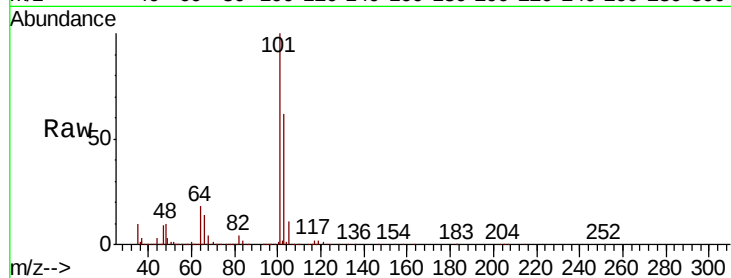
Trichlorofluoromethane
Concen: 48.881 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

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DTW-03MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.1	78.1

Manual Integrations
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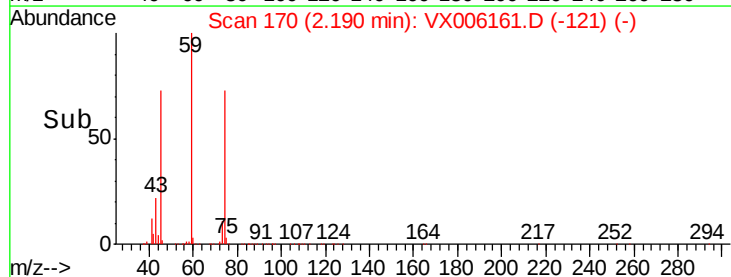
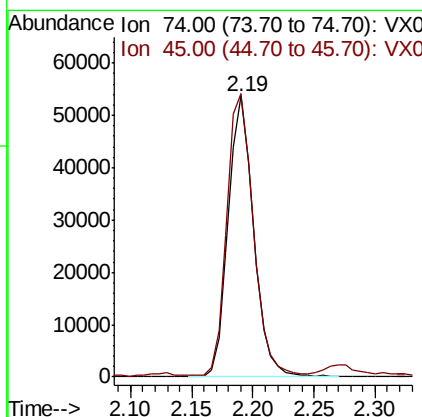
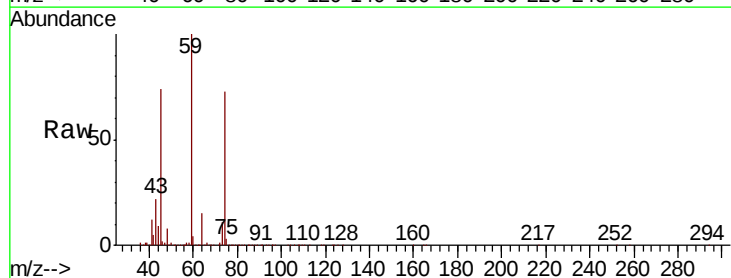
MMDadoda
11/26/2018 9:49:30 AM

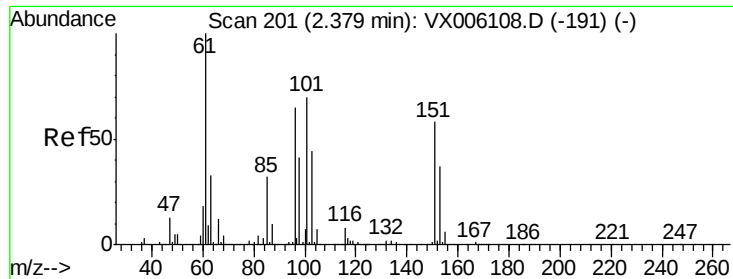


#8

Diethyl Ether
Concen: 57.907 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.464 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

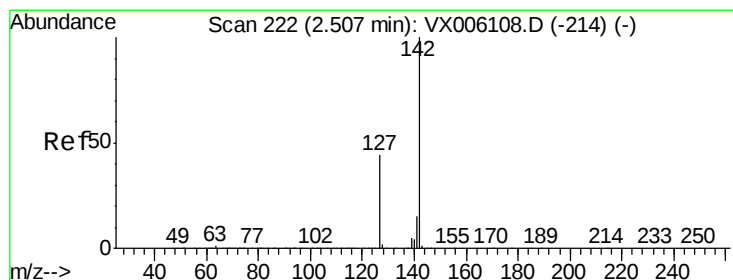
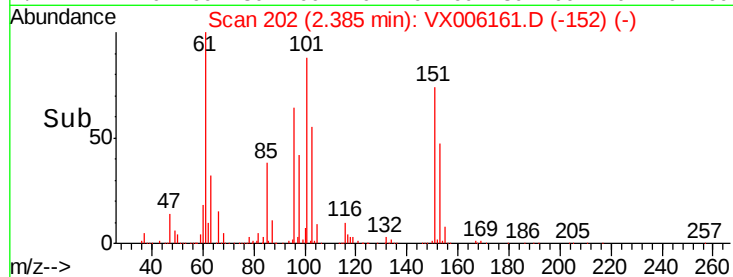
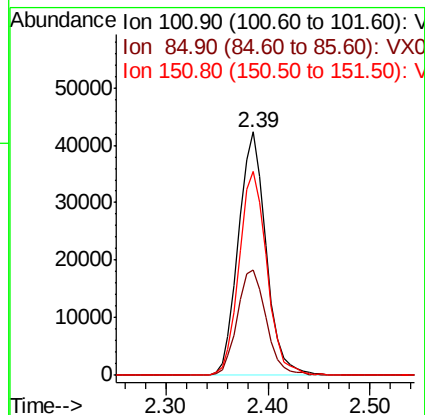
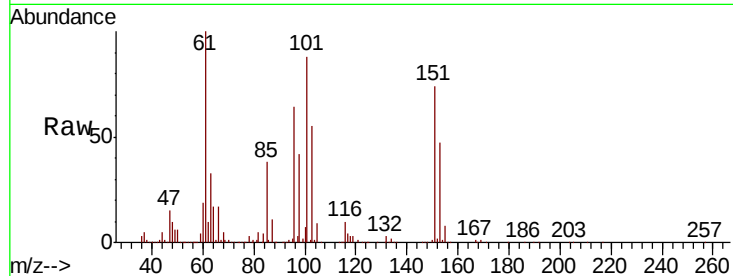
ClientSampleID :

DTW-03MS

Tot Ion:	101	Resp:	79386
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	84.4	65.8	98.6

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#10

Methyl Iodide

Concen: 54.695 ug/l

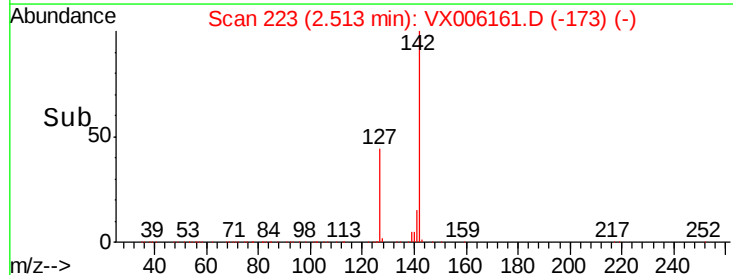
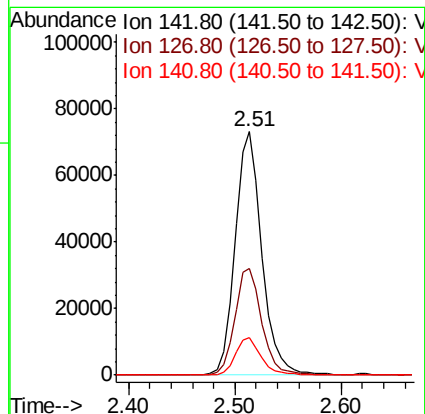
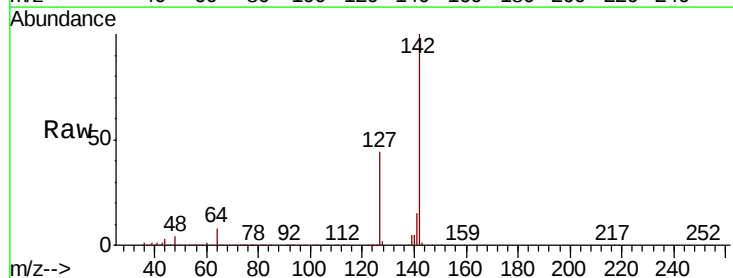
RT: 2.51 min Scan# 223

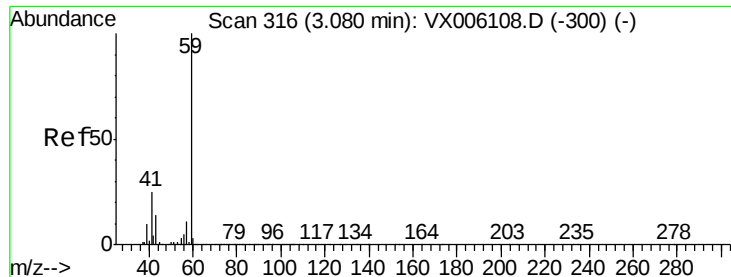
Delta R.T. 0.01 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion:	142	Resp:	128199
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.0	54.0
141	14.9	11.7	17.5





#11

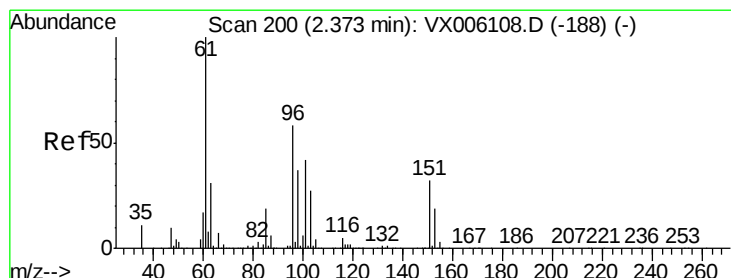
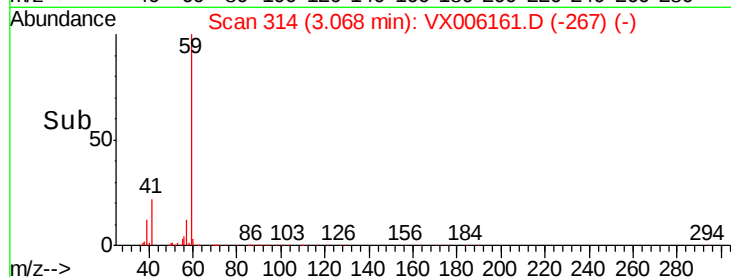
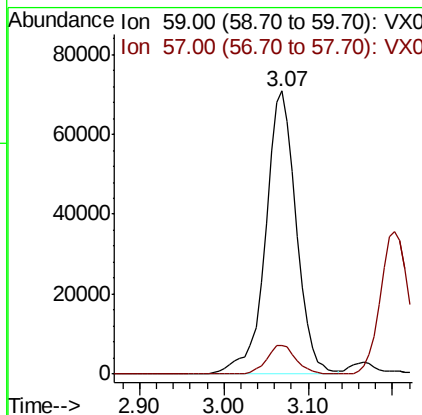
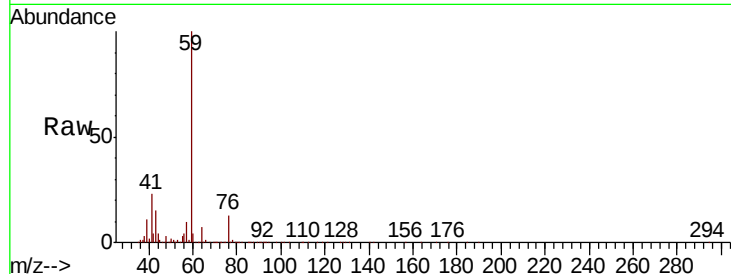
Tert butyl alcohol
Concen: 285.574 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.7	13.1

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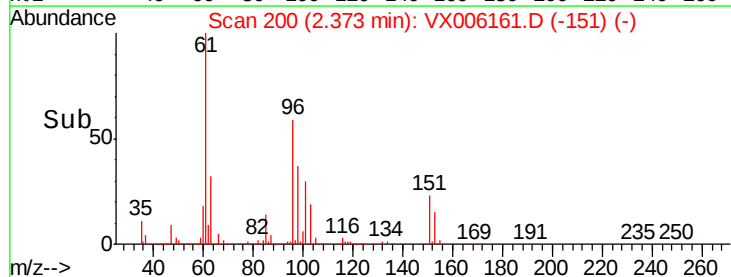
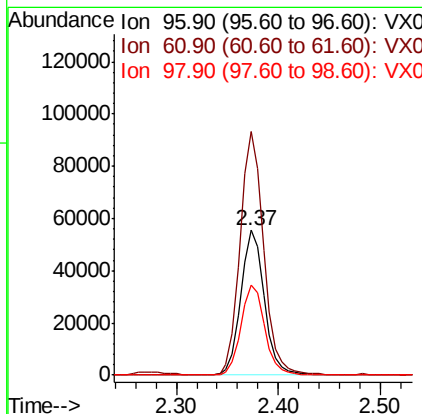
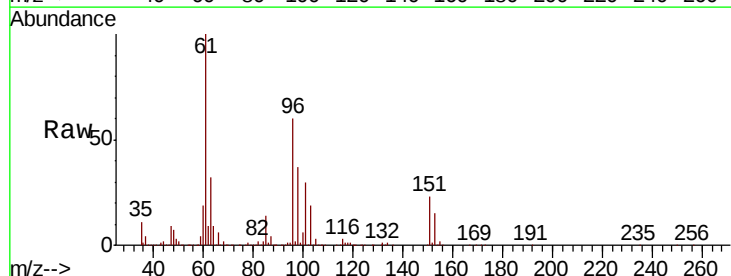
MMDadoda
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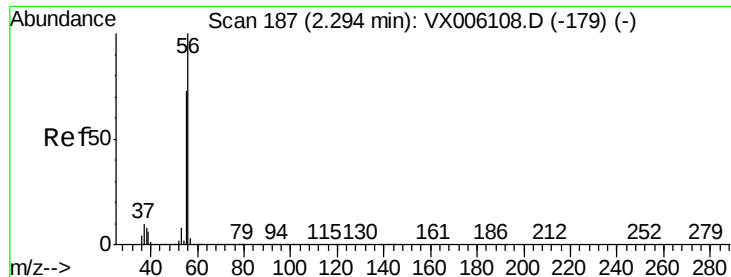


#12

1,1-Dichloroethene
Concen: 48.620 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	138.2	207.4
98	61.6	51.3	76.9





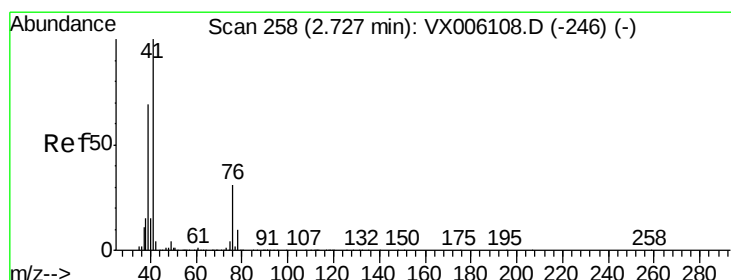
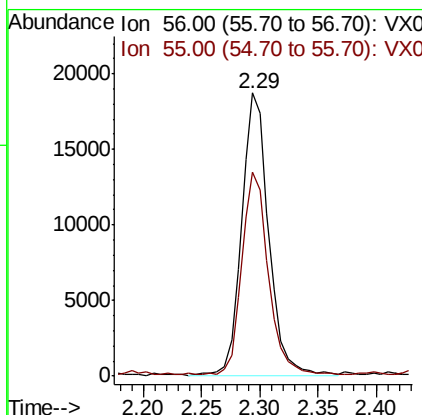
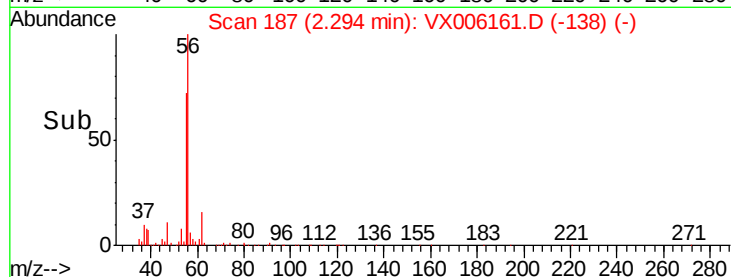
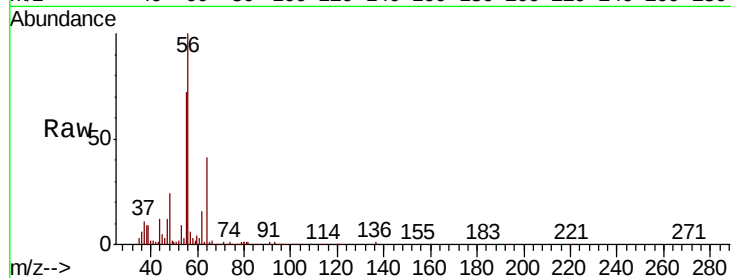
#13
Acrolein
Concen: 82.268 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	57.8	86.6

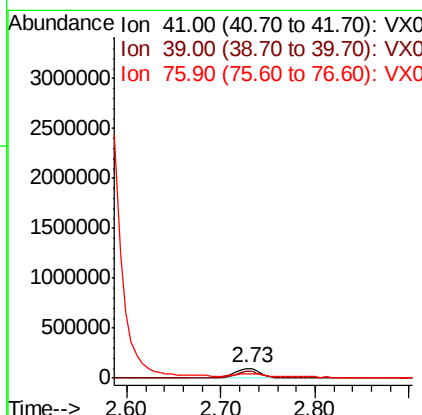
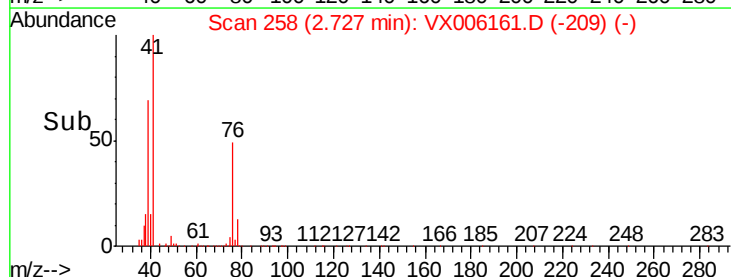
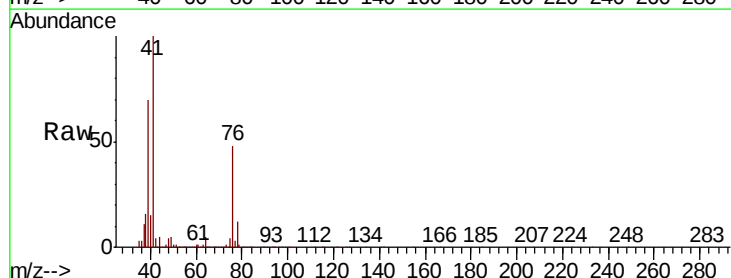
Manual Integrations
APPROVED

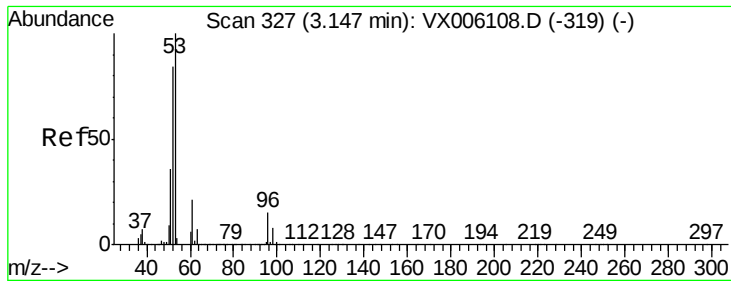
MMDadoda
11/26/2018 9:49:30 AM



#14
Allyl chloride
Concen: 52.623 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	52.5	78.7
76	0.0	23.4	35.2#





#15

Acrylonitrile

Concen: 283.457 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

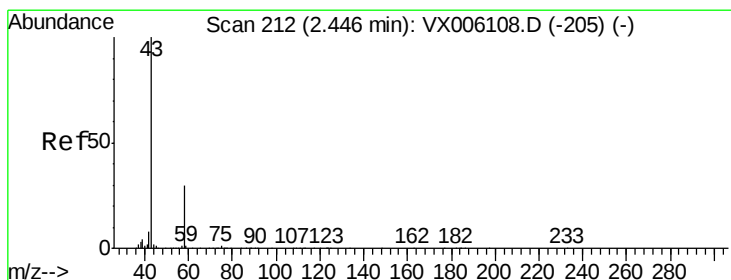
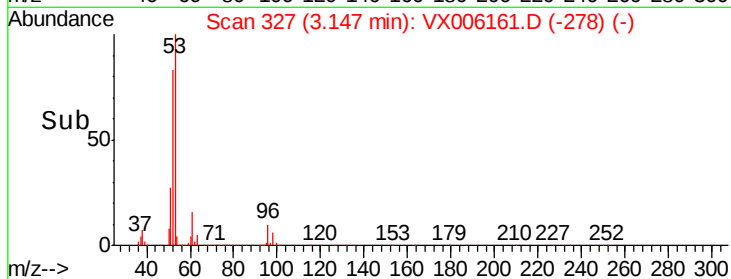
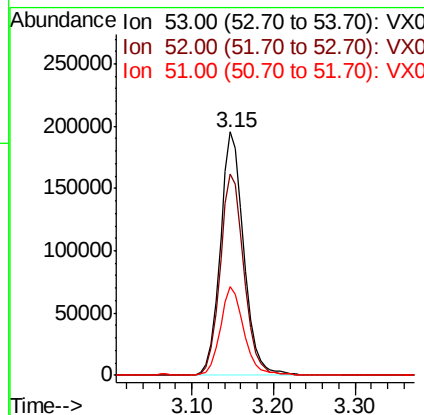
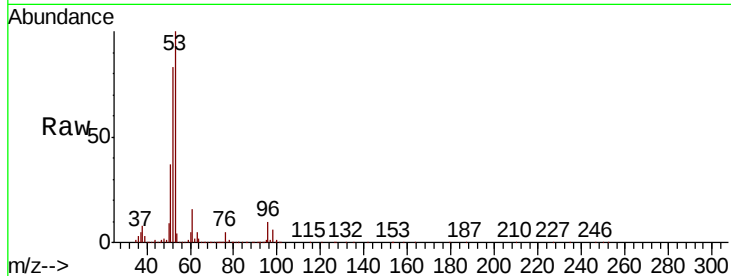
ClientSampleId :

DTW-03MS

Tot Ion:	53	Resp:	389529
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.4	99.6
51	36.6	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 304.888 ug/l

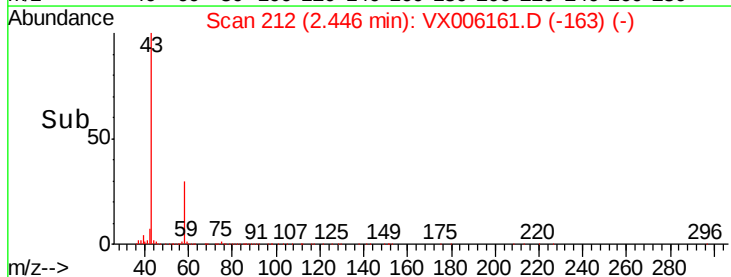
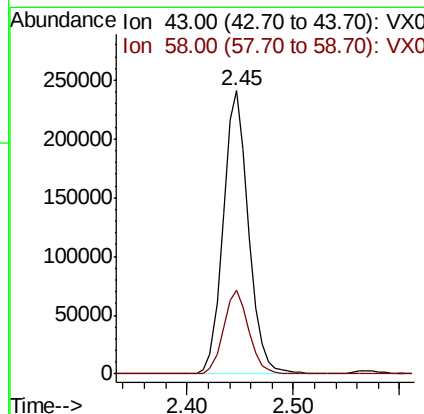
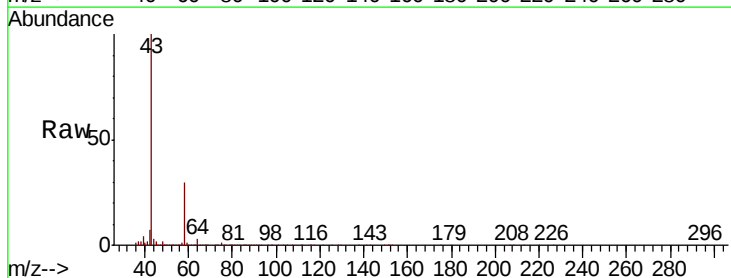
RT: 2.45 min Scan# 212

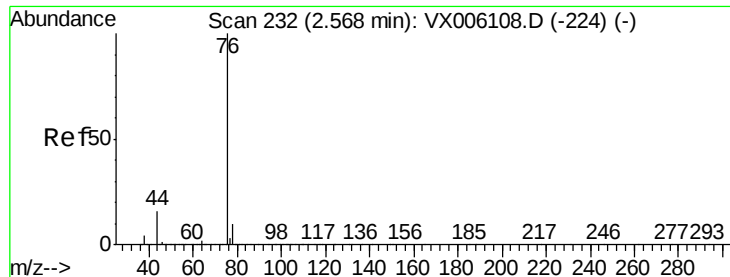
Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion:	43	Resp:	395690
Ion Ratio	Lower	Upper	
43	100		
58	29.5	23.8	35.8





#17

Carbon Disulfide

Concen: 2077.578 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 76 Resp:10223945

Ion Ratio Lower Upper

76 100

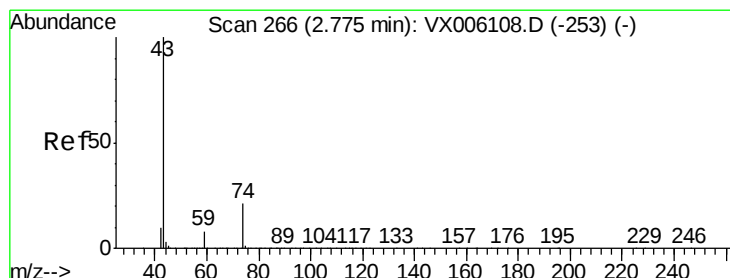
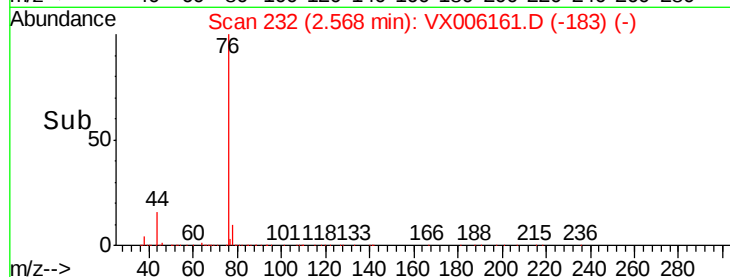
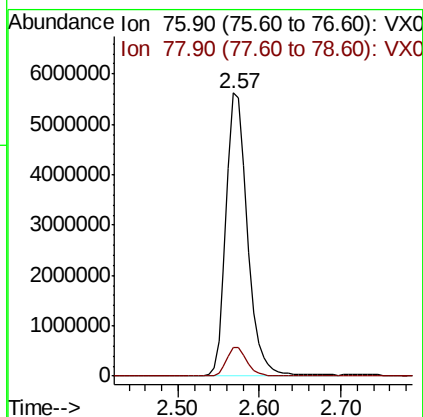
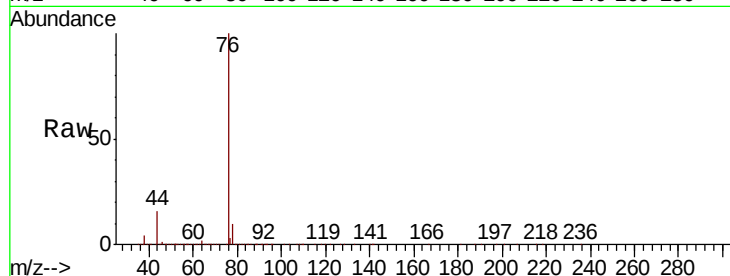
78 10.0 7.7 11.5

Manual Integrations

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#18

Methyl Acetate

Concen: 59.644 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006161.D

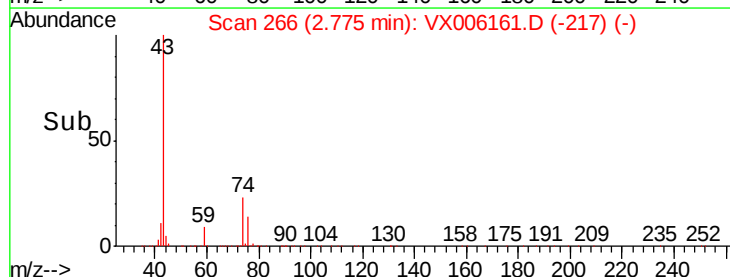
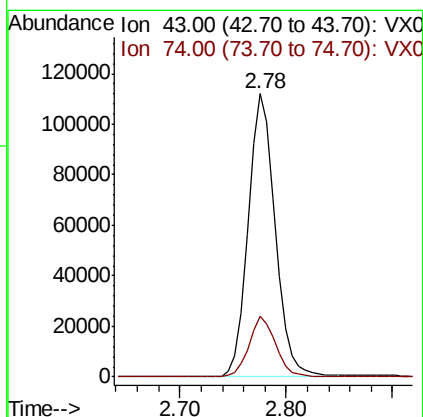
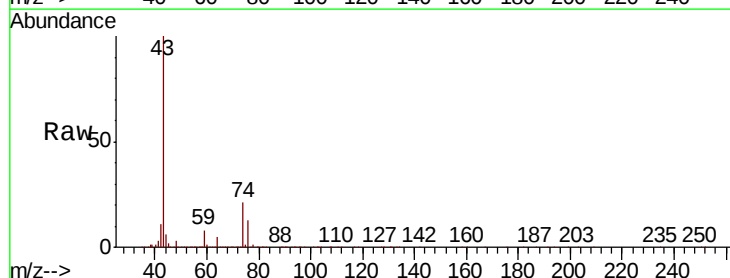
Acq: 22 Nov 2018 08:55

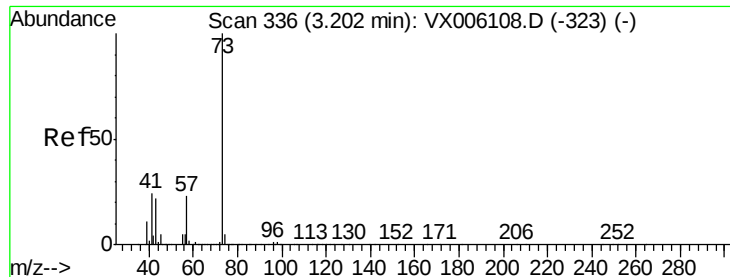
Tgt Ion: 43 Resp: 198505

Ion Ratio Lower Upper

43 100

74 21.4 17.3 25.9





#19

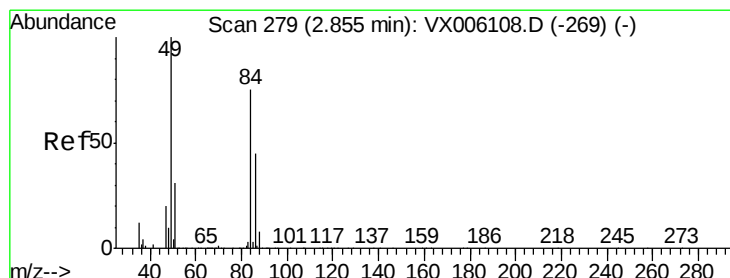
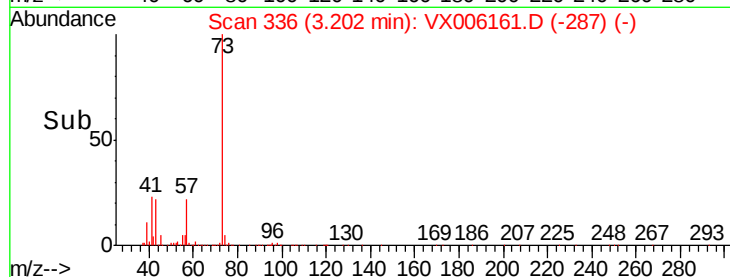
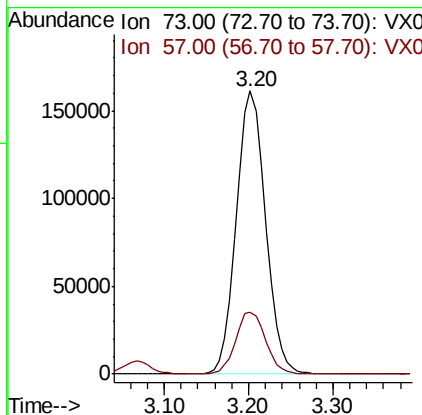
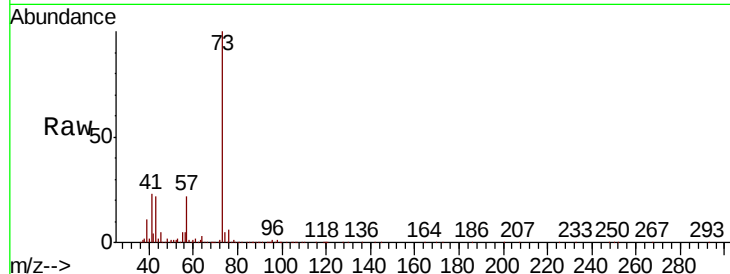
Methyl tert-butyl Ether
 Concen: 59.794 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

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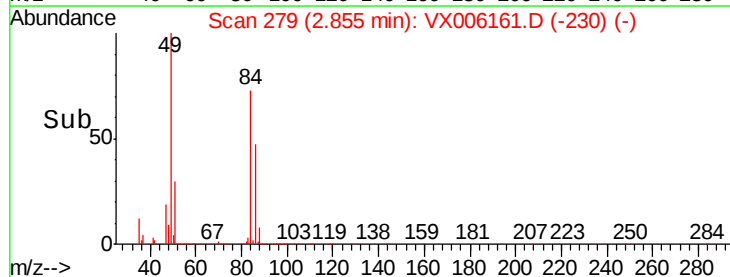
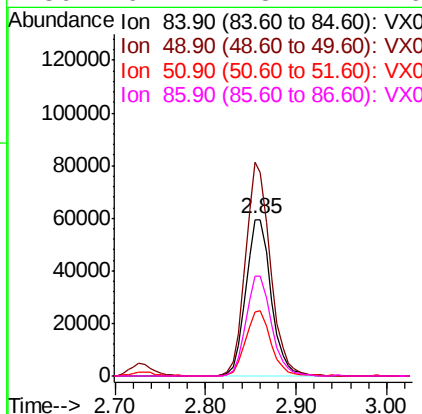
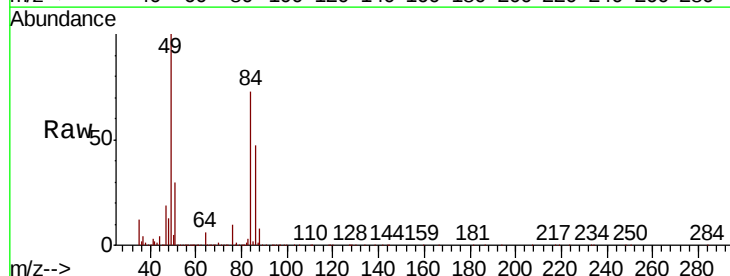
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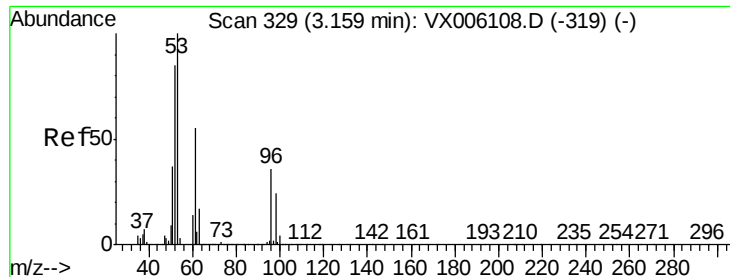


#20

Methylene Chloride
 Concen: 58.849 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	106.6	159.8
51	40.9	32.6	49.0
86	64.1	48.4	72.6





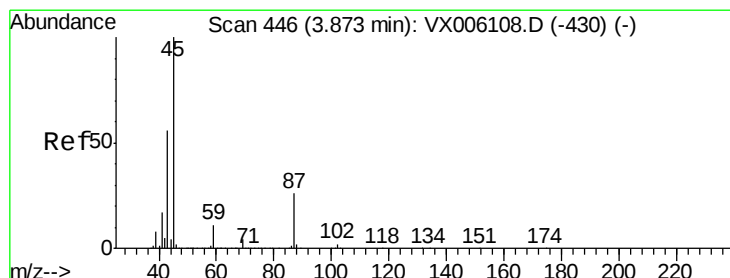
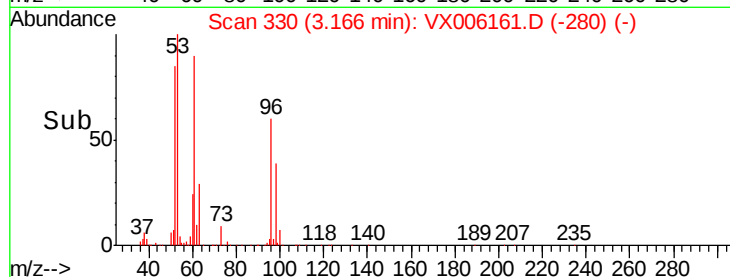
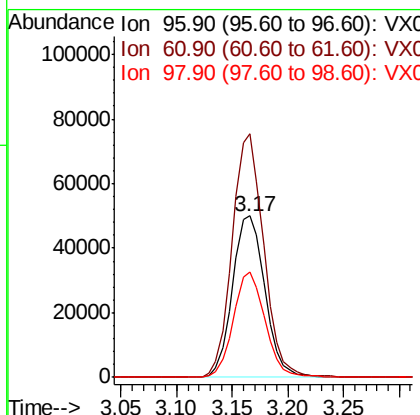
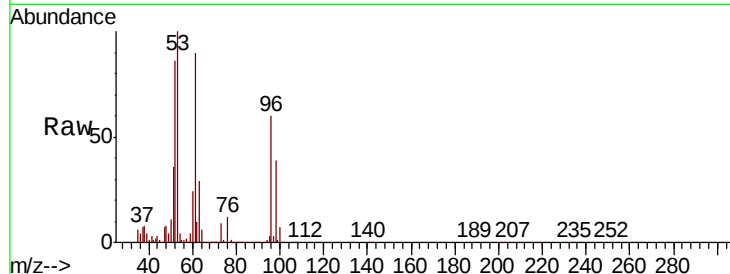
#21
trans-1,2-Dichloroethene
Concen: 52.890 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	122.0	183.0
98	65.1	52.7	79.1

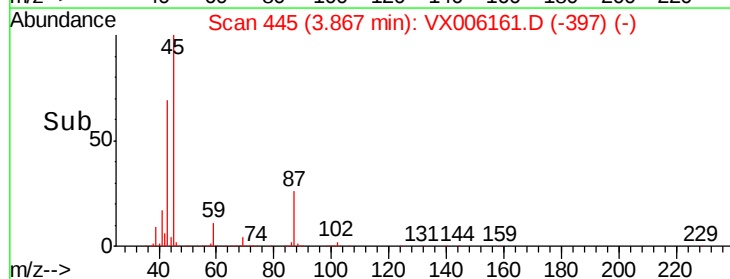
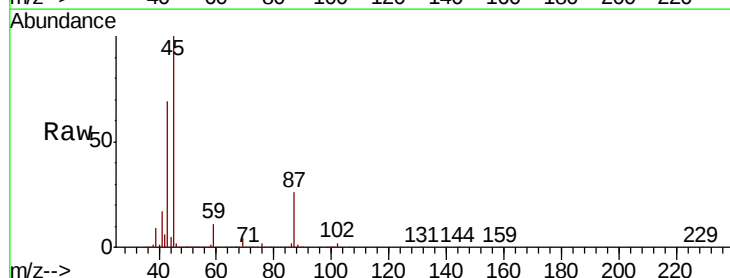
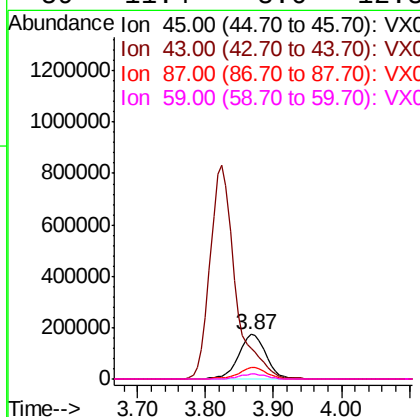
Manual Integrations
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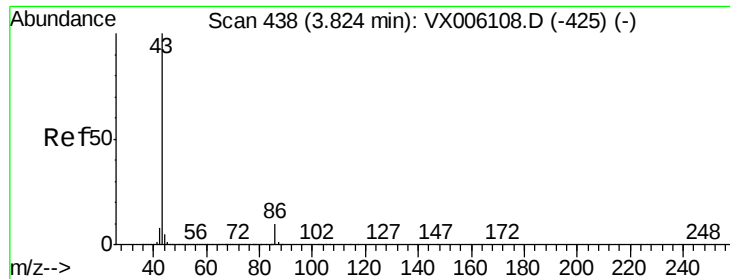
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#22
Diisopropyl ether
Concen: 60.845 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.3	45.8	68.8
87	25.5	21.0	31.4
59	11.4	8.6	12.8





#23

Vinyl Acetate

Concen: 324.578 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 43 Resp: 2149411

Ion Ratio Lower Upper

43 100

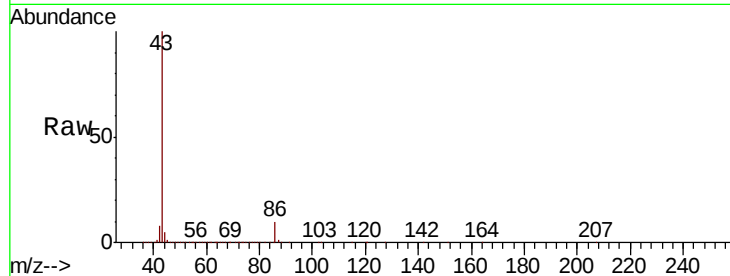
86 9.6 7.6 11.4

Manual Integrations

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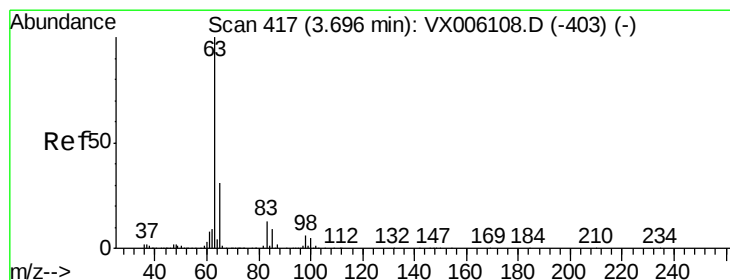
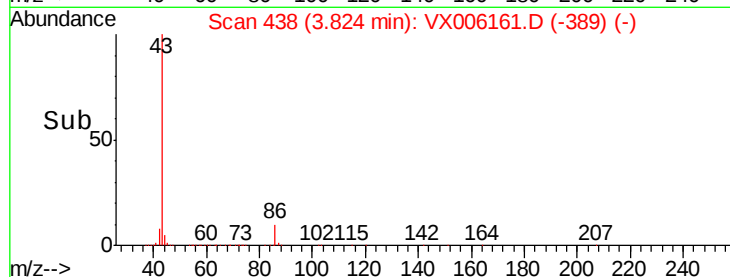
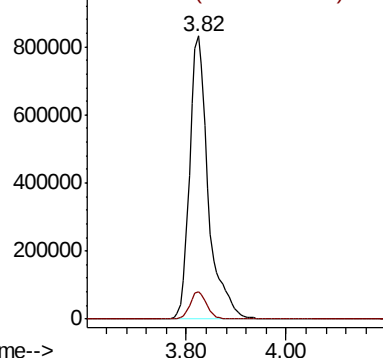
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.705 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

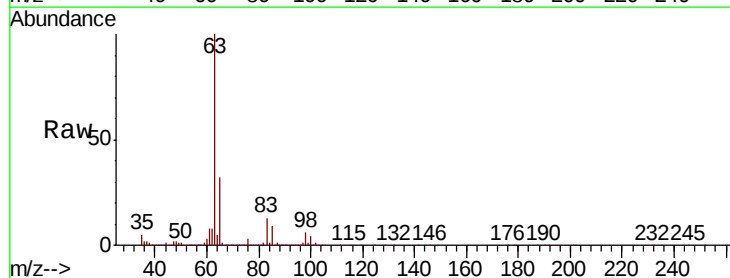
Tgt Ion: 63 Resp: 209476

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

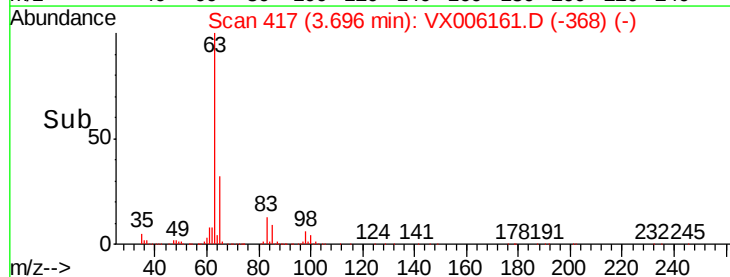
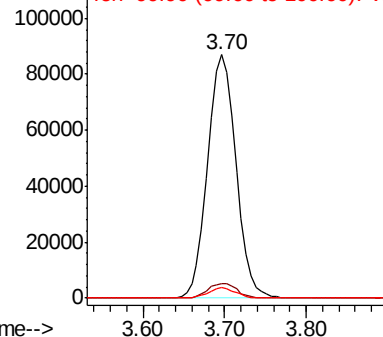
100 4.2 2.4 7.1

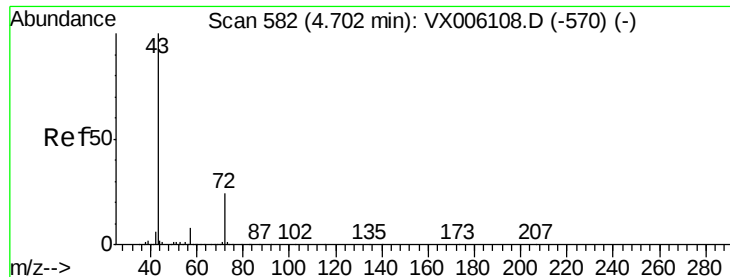


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 287.147 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tot Ion: 43 Resp: 691717

Ion Ratio Lower Upper

43 100

72 23.6 19.2 28.8

Instrument :

MSVOA_X

ClientSampleId :

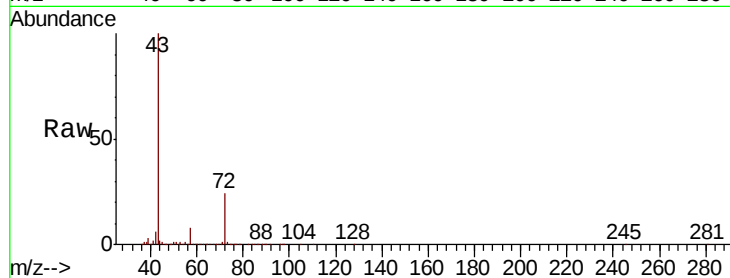
DTW-03MS

Manual Integrations

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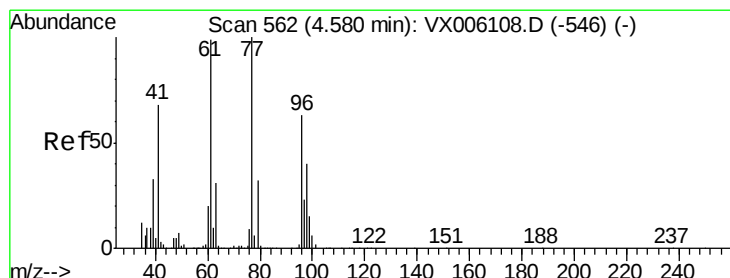
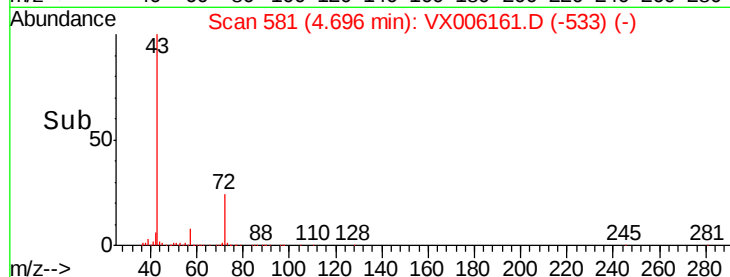
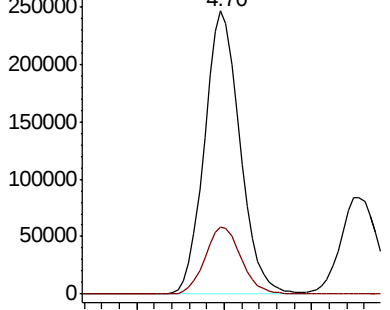
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.533 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006161.D

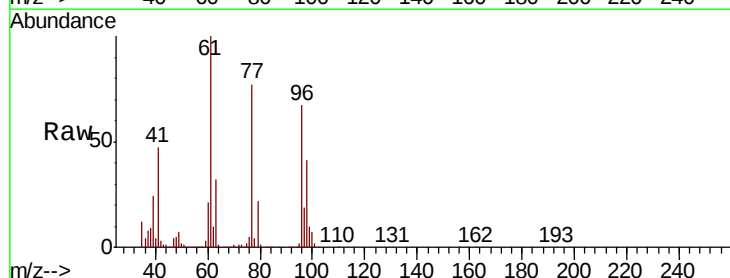
Acq: 22 Nov 2018 08:55

Tgt Ion: 77 Resp: 122527

Ion Ratio Lower Upper

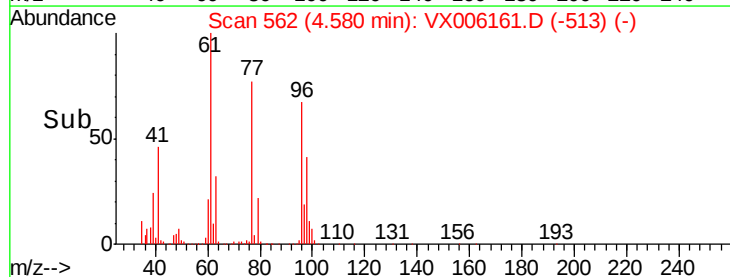
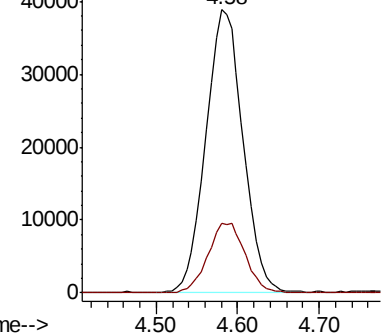
77 100

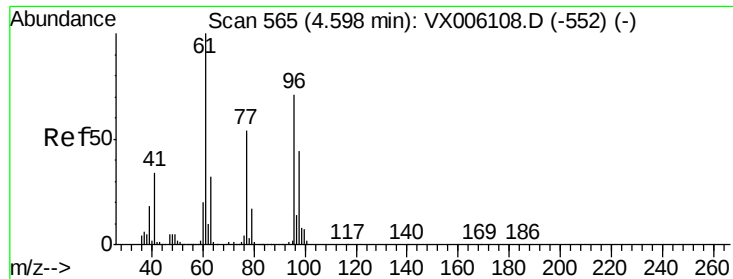
97 25.0 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

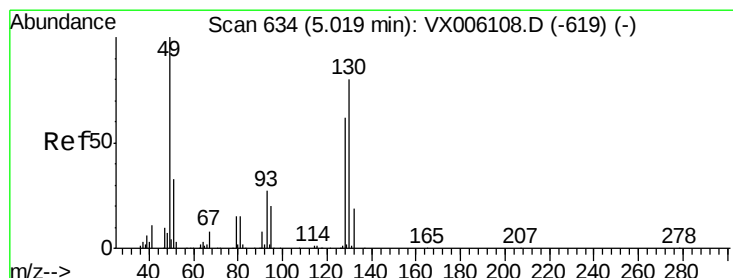
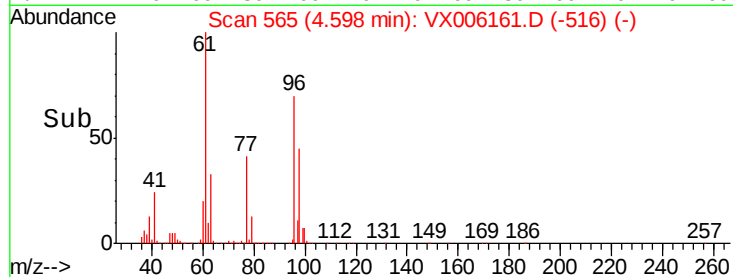
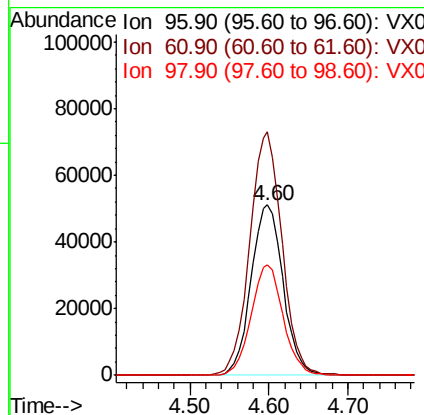
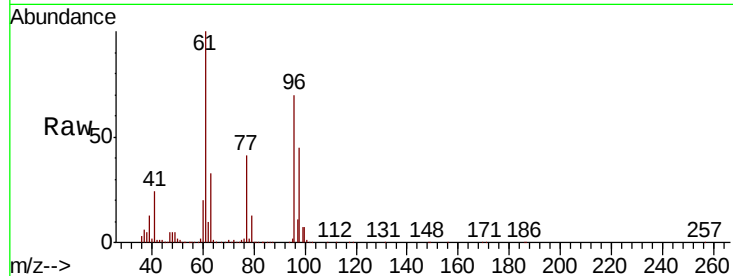
cis-1,2-Dichloroethene
Concen: 54.201 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144453		
61	143.1	0.0	291.6	
98	64.7	0.0	128.2	

Manual Integrations
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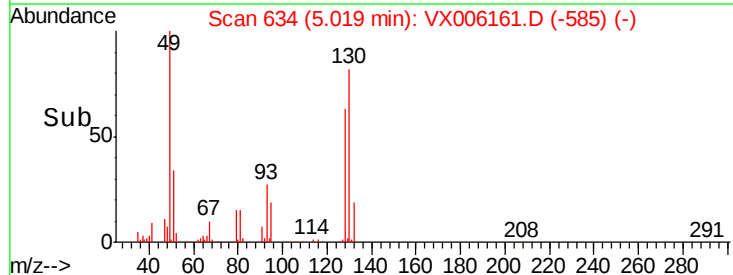
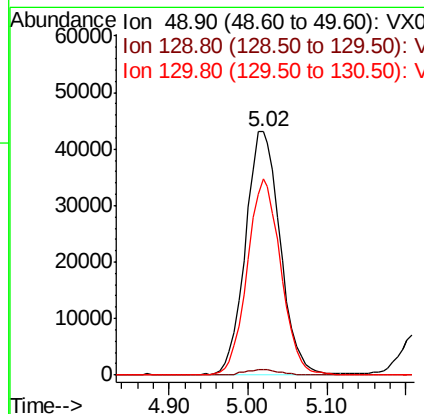
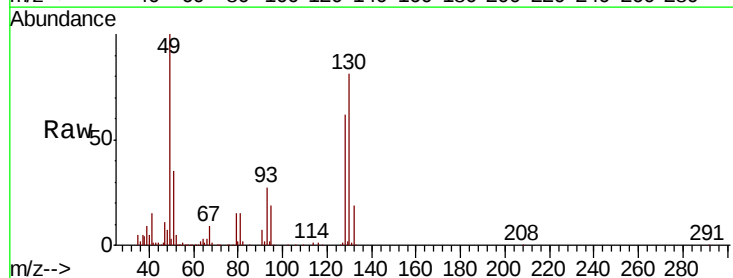
MMDadoda
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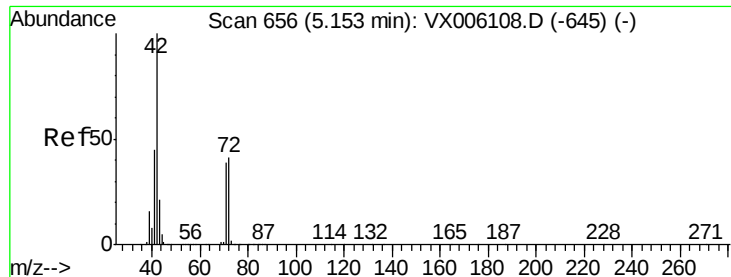


#28

Bromochloromethane
Concen: 59.933 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131355		
129	2.3	0.0	4.4	
130	78.3	61.6	92.4	





#29

Tetrahydrofuran

Concen: 294.833 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

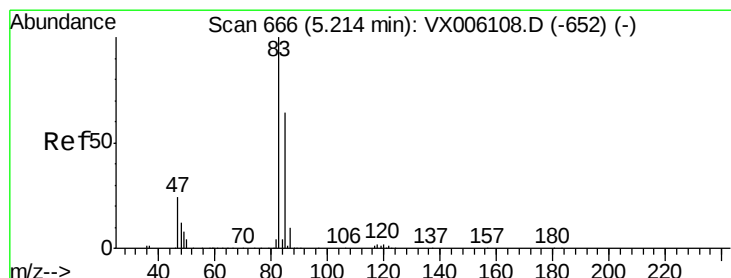
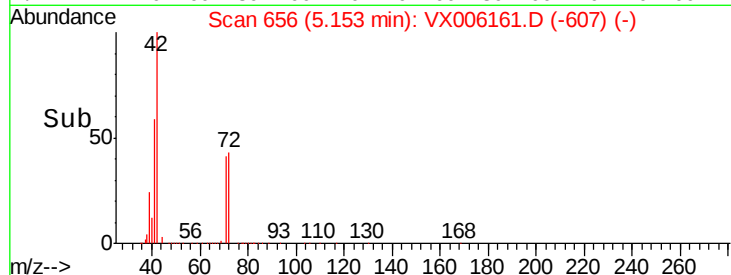
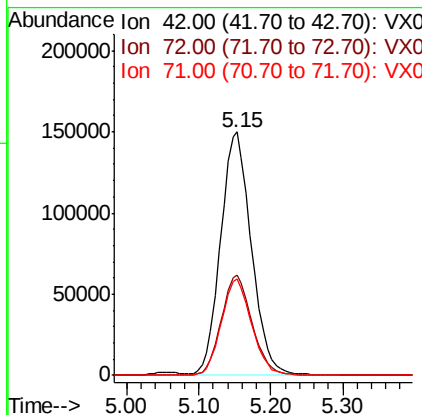
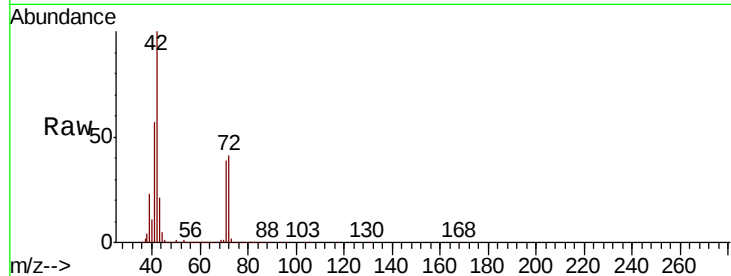
ClientSampleId :

DTW-03MS

Tot Ion:	42	Resp:	443055
Ion Ratio	Lower	Upper	
42	100		
72	41.5	33.0	49.6
71	39.2	31.0	46.4

Manual Integrations
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#30

Chloroform

Concen: 54.913 ug/l

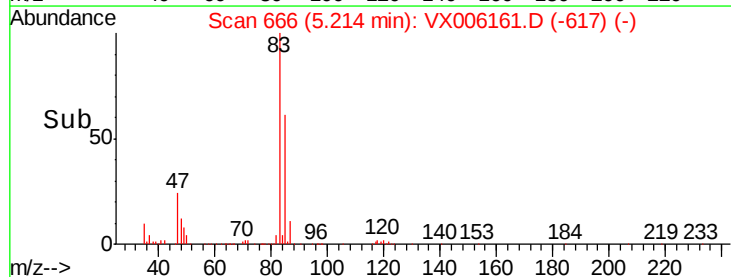
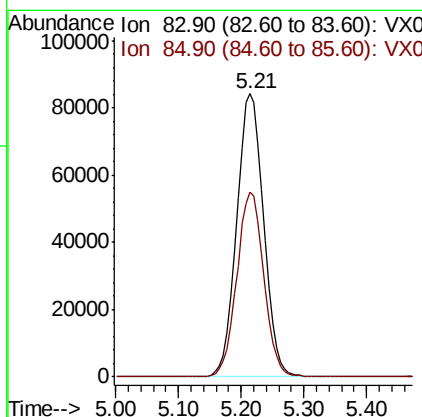
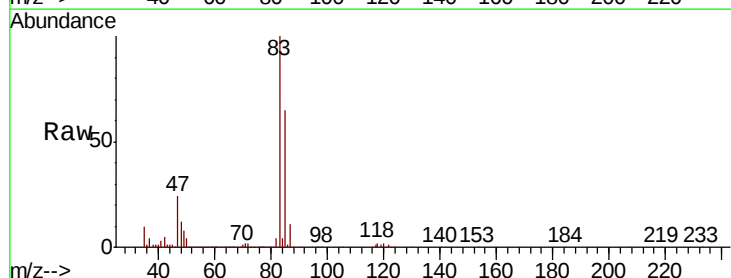
RT: 5.21 min Scan# 666

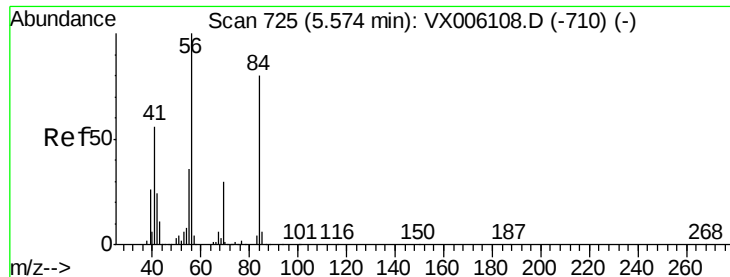
Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion:	83	Resp:	250240
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.0	76.4





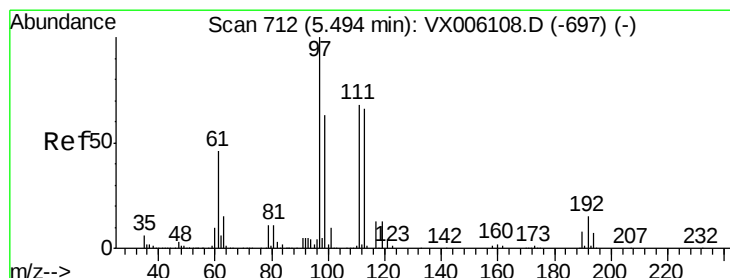
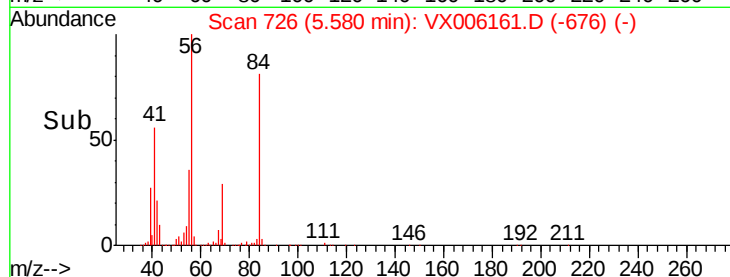
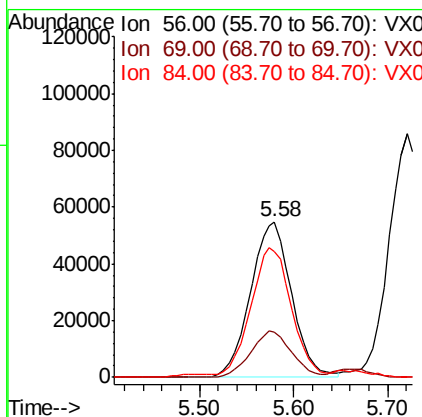
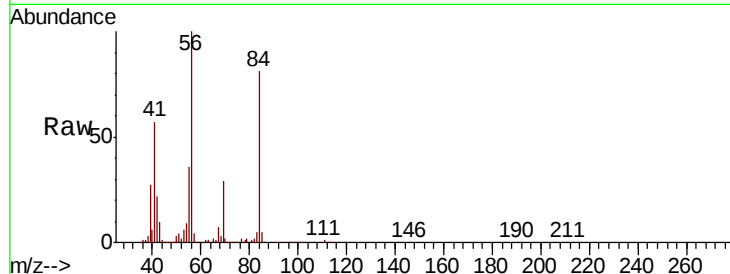
#31
Cyclohexane
Concen: 42.519 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion:	56	Resp:	167014
Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.9	35.9
84	78.9	63.6	95.4

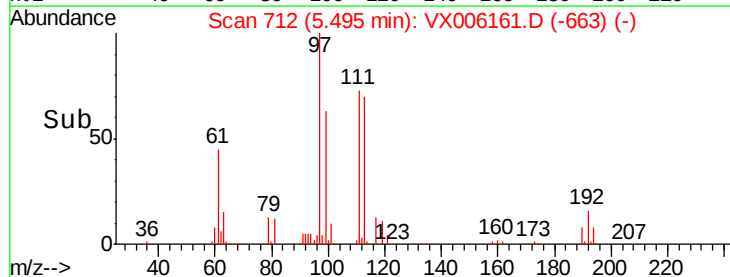
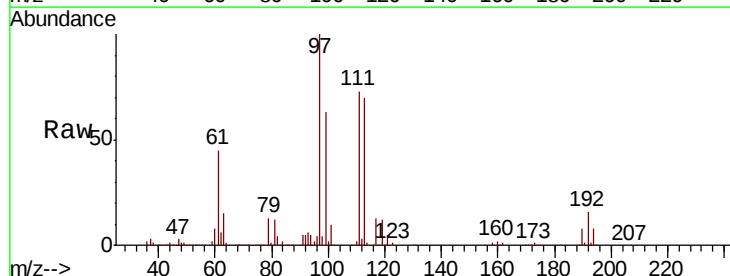
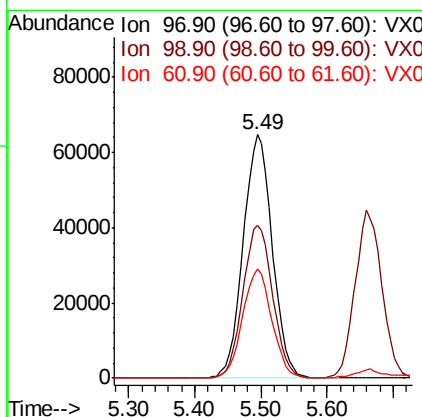
Manual Integrations
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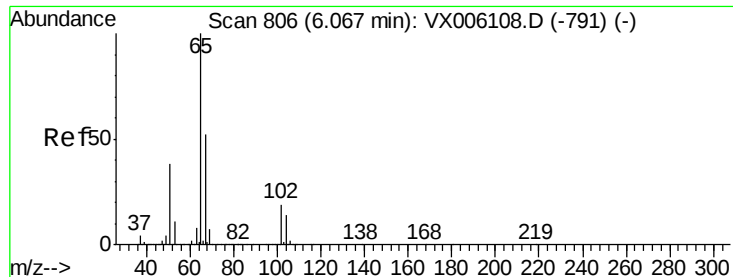
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 53.823 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion:	97	Resp:	198047
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.8	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 59.866 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 65 Resp: 175089

Ion Ratio Lower Upper

65 100

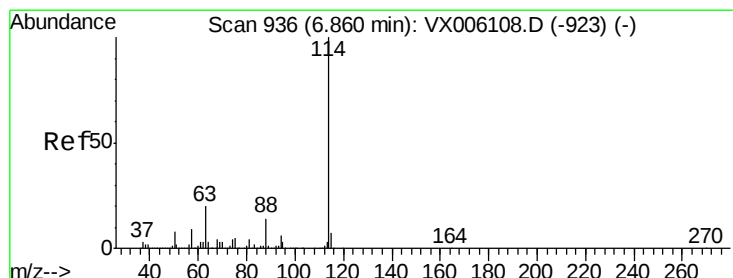
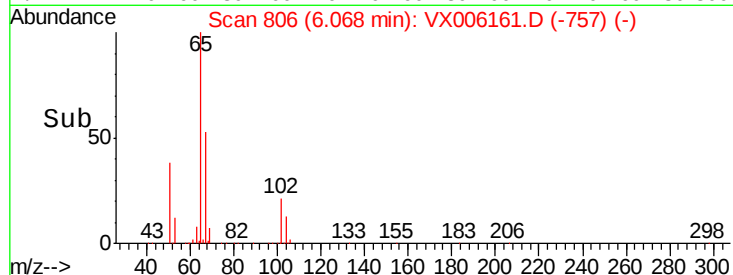
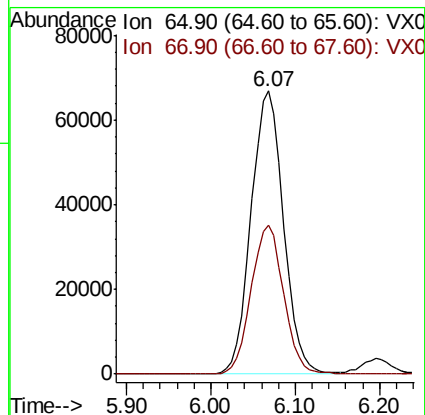
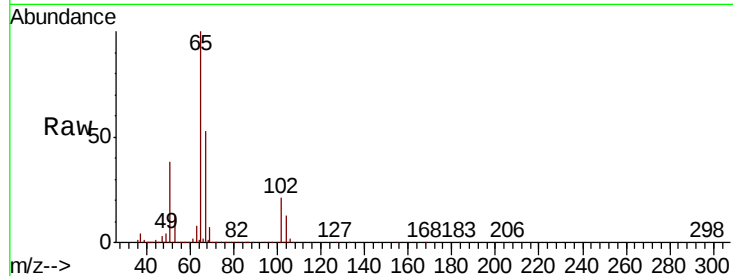
67 52.8 0.0 105.8

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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: VX006161.D

Acq: 22 Nov 2018 08:55

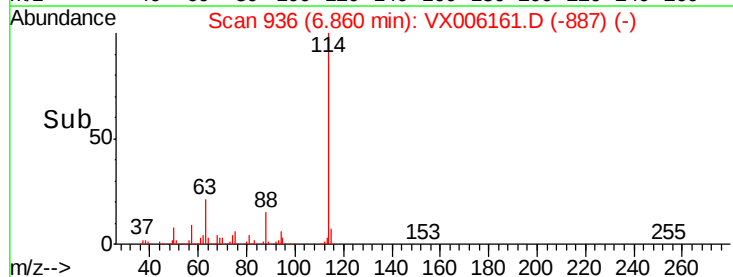
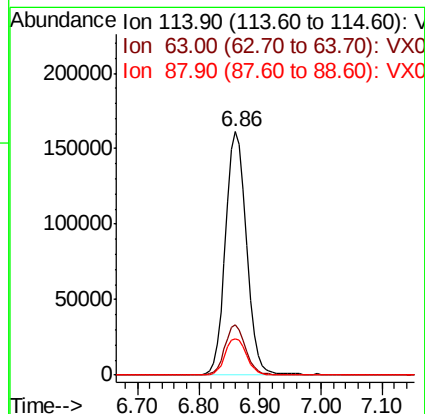
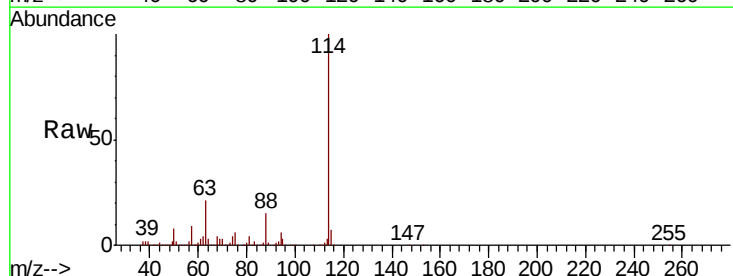
Tgt Ion: 114 Resp: 384750

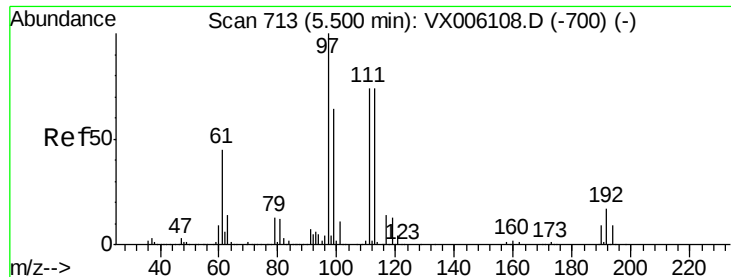
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 56.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

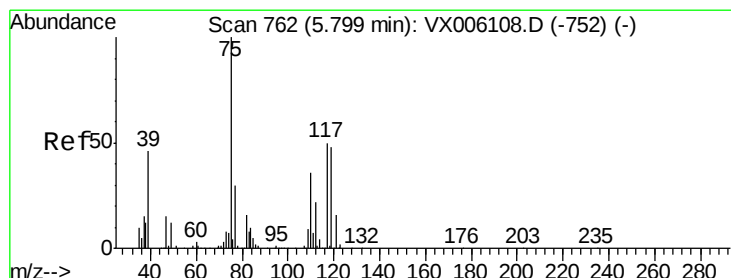
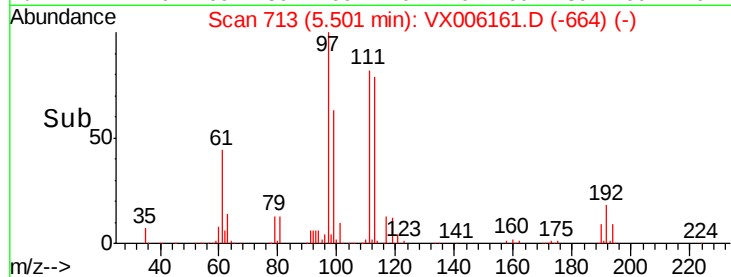
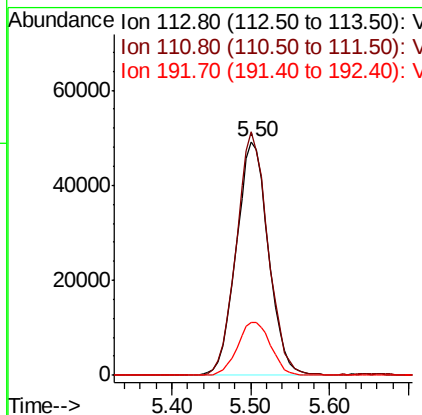
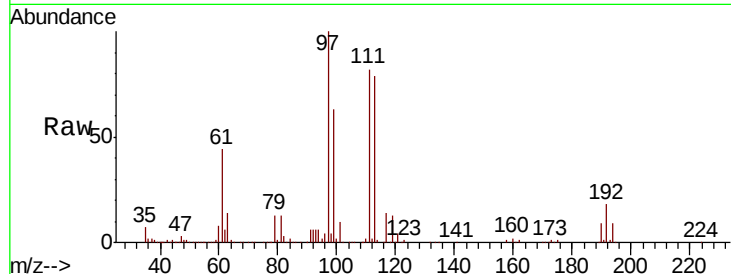
ClientSampleId :

DTW-03MS

Tot Ion:	113	Resp:	139329
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	23.6	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.747 ug/l

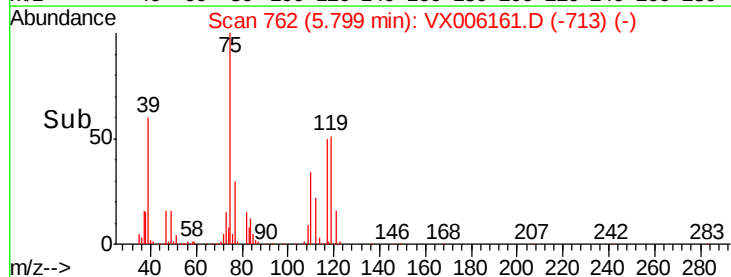
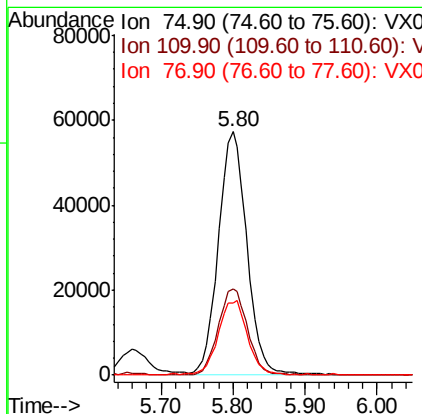
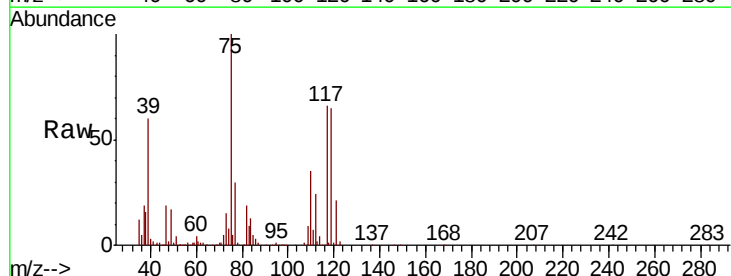
RT: 5.80 min Scan# 762

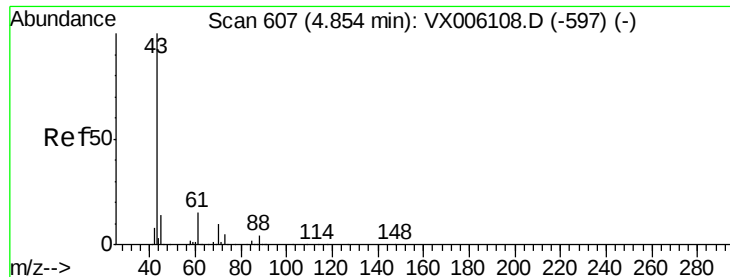
Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion:	75	Resp:	156628
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.8	53.3
77	31.0	24.5	36.7





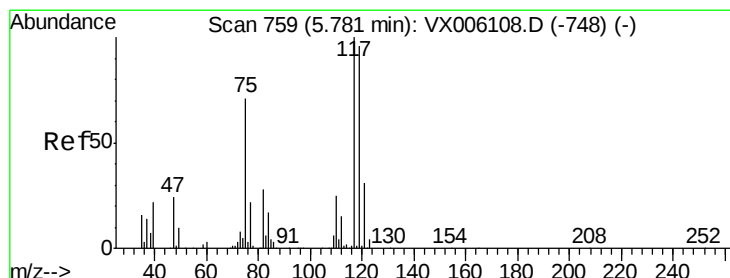
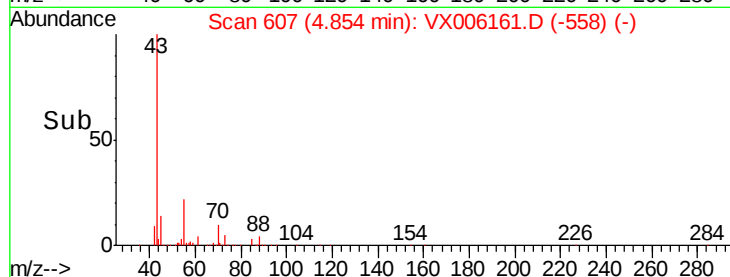
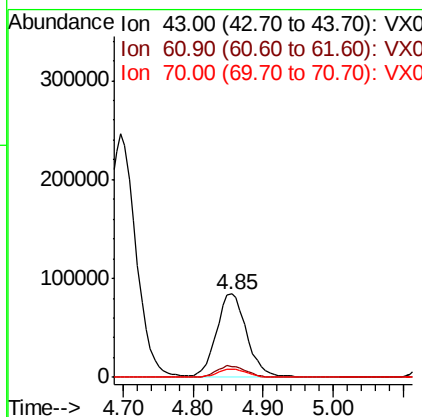
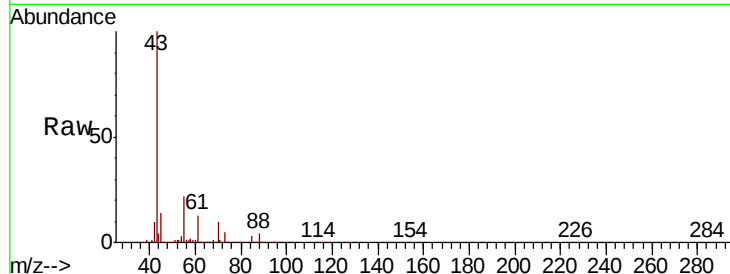
#37
Ethyl Acetate
Concen: 55.900 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.5	15.7
70	9.9	7.9	11.9

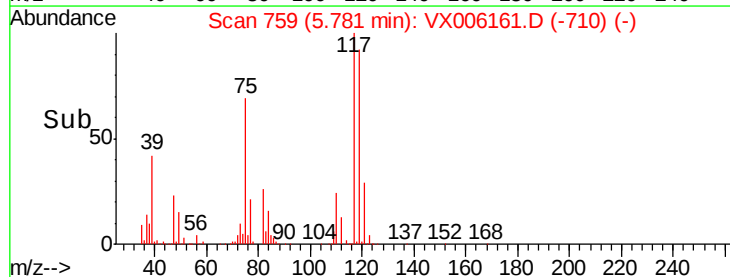
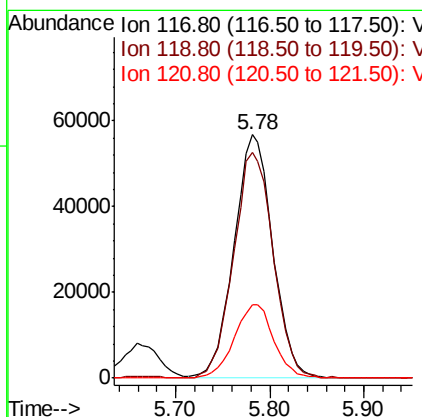
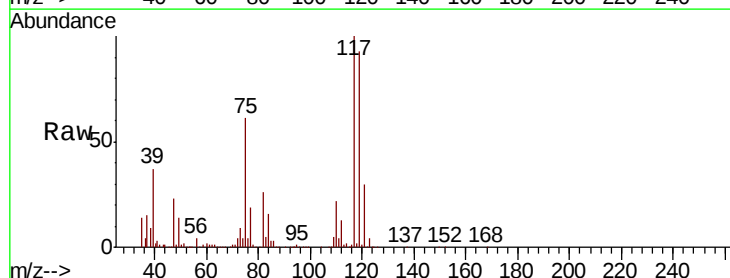
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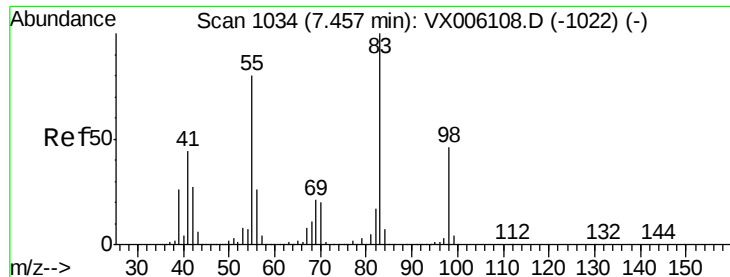
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#38
Carbon Tetrachloride
Concen: 49.243 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.3	114.5
121	29.9	24.7	37.1





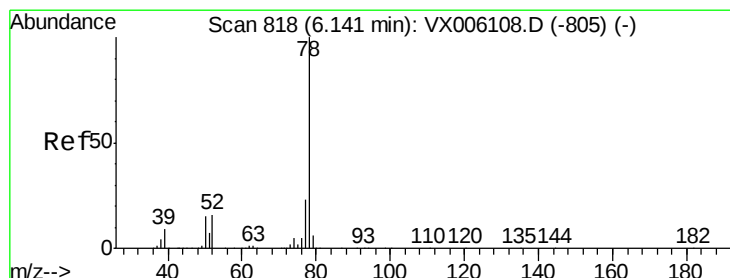
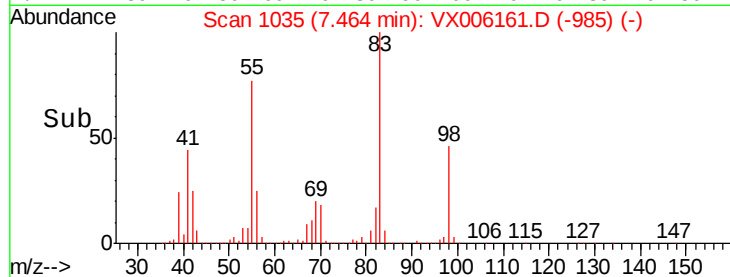
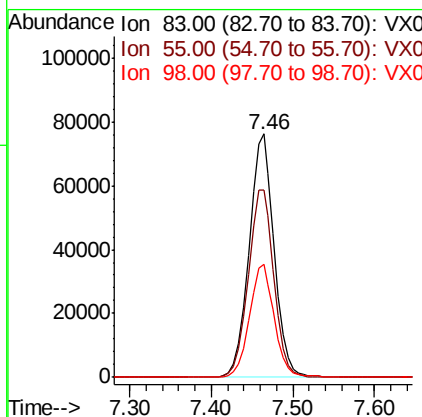
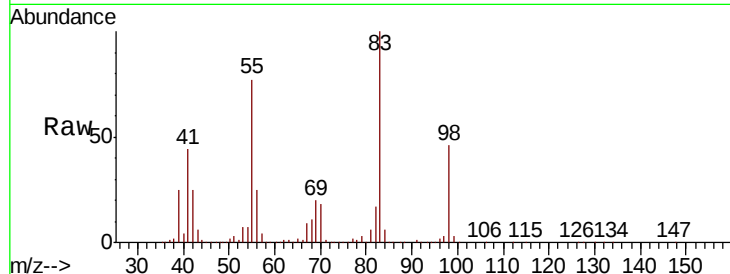
#39
Methvlcvclohexane
Concen: 40.780 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	63.9	95.9
98	46.5	36.8	55.2

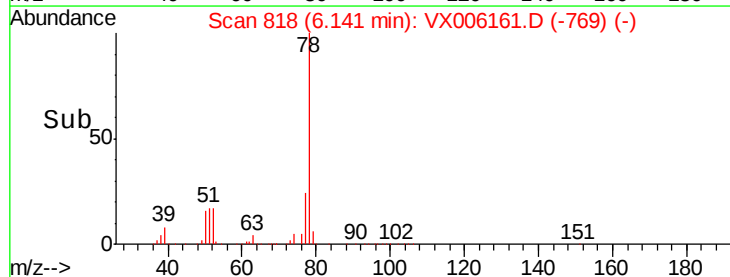
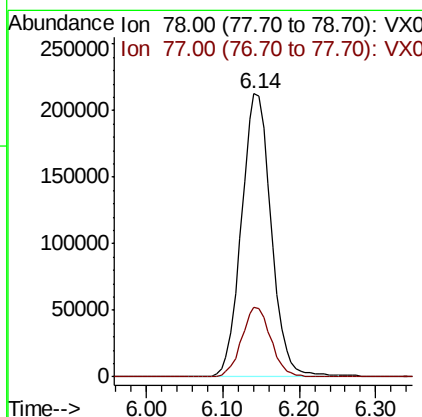
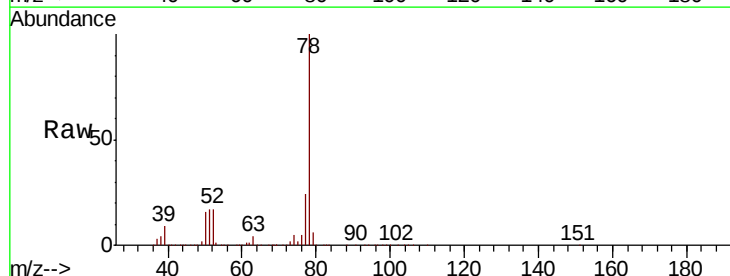
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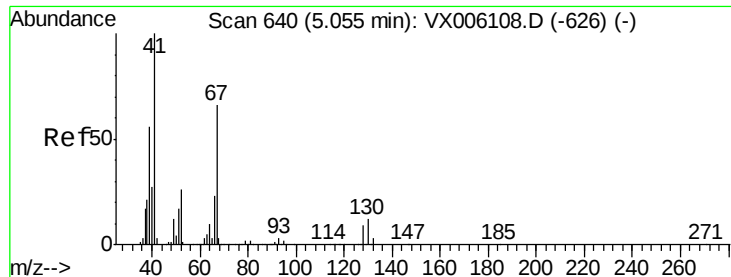
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#40
Benzene
Concen: 55.823 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





#41

Methacrylonitrile

Concen: 56.266 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 41 Resp: 139638
Ion Ratio Lower Upper

41 100

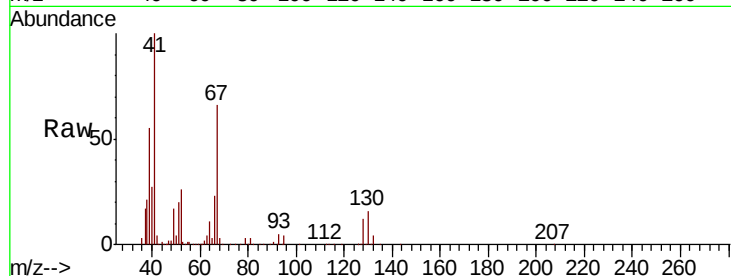
39 54.4 44.1 66.1

67 67.9 54.1 81.1

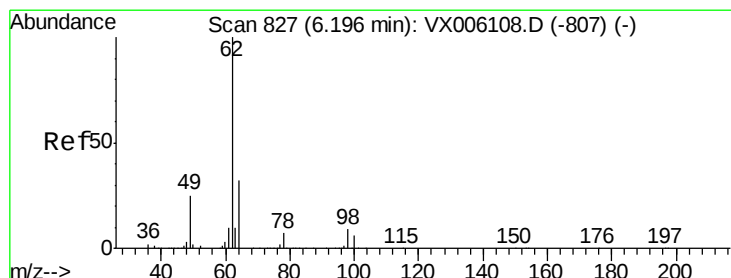
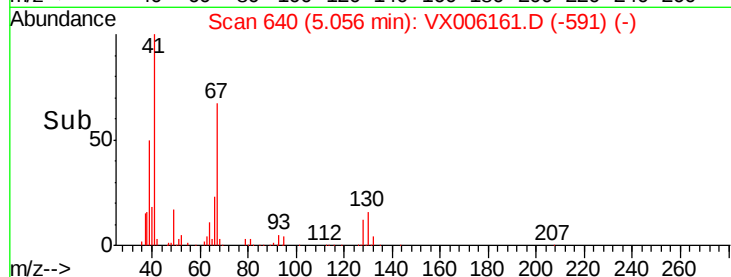
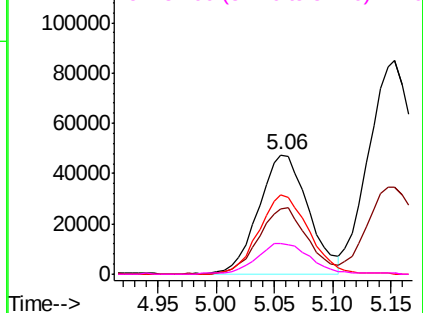
52 27.5 21.7 32.5

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.403 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

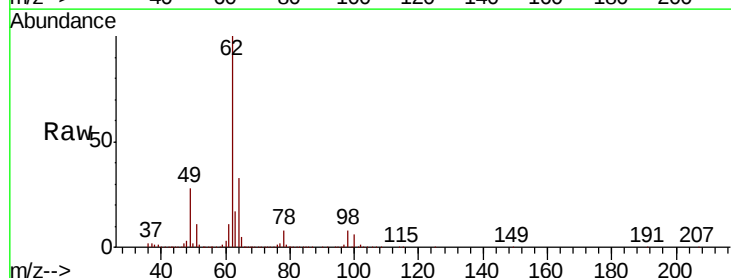
Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

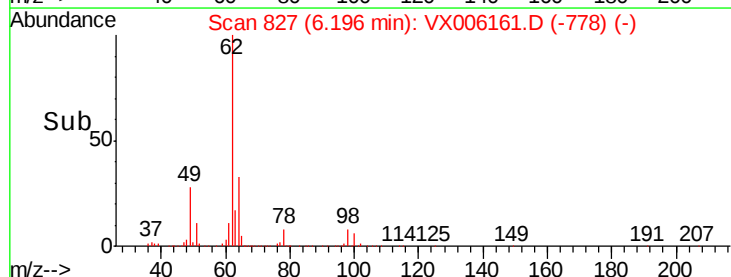
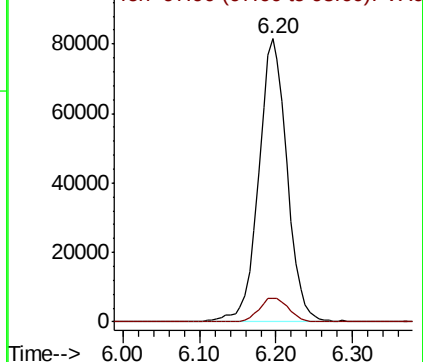
Tgt Ion: 62 Resp: 209749
Ion Ratio Lower Upper

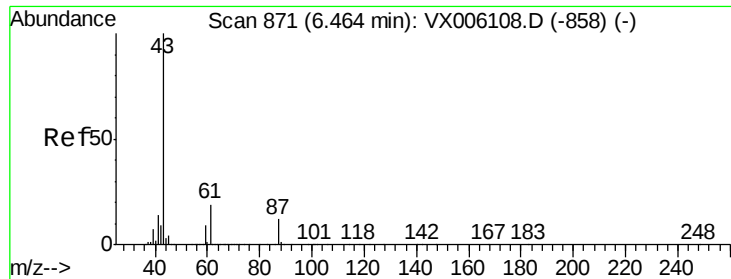
62 100

98 9.0 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

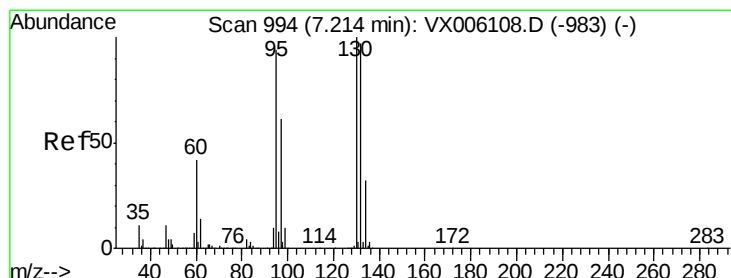
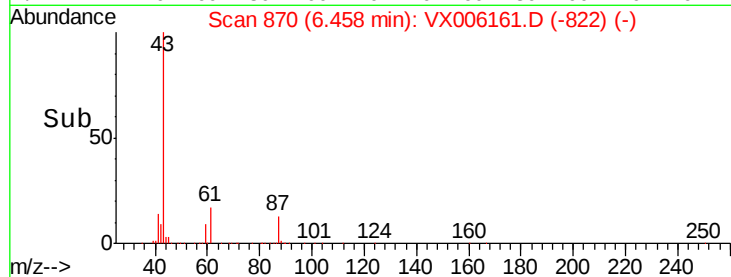
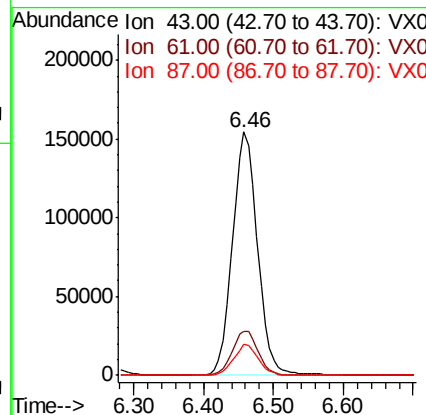
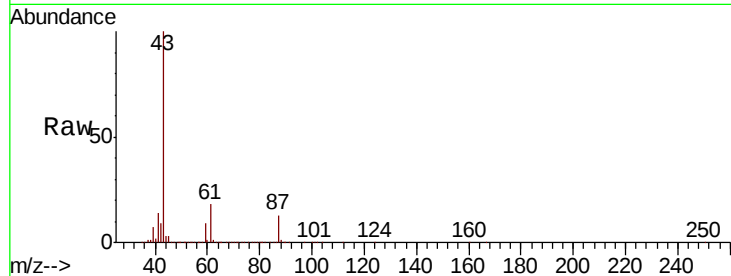
Isopropyl Acetate
 Concen: 58.618 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.5	9.6	14.4

Manual Integrations
 APPROVED

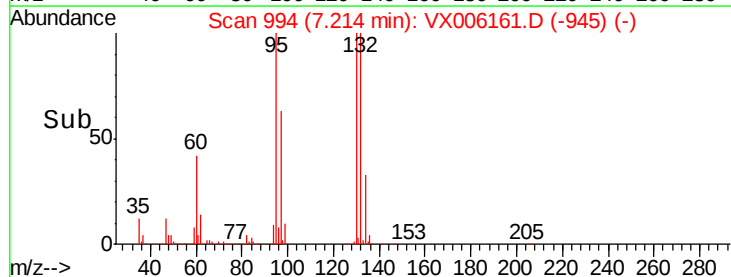
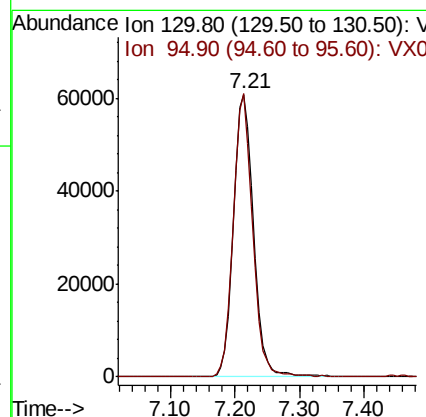
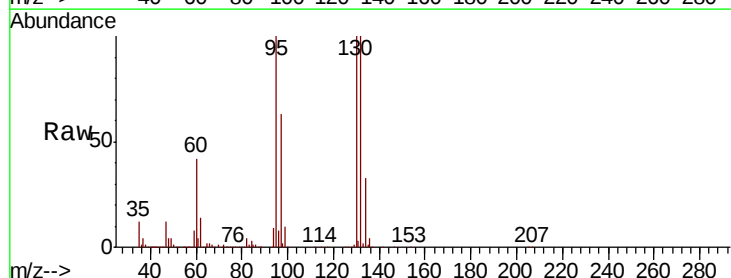
MMDadoda
 11/26/2018 9:49:30 AM

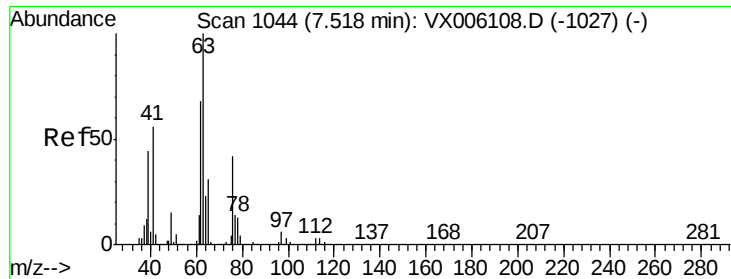


#44

Trichloroethene
 Concen: 46.883 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	188.8





#45

1,2-Dichloropropane

Concen: 55.420 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 63 Resp: 151249

Ion Ratio Lower Upper

63 100

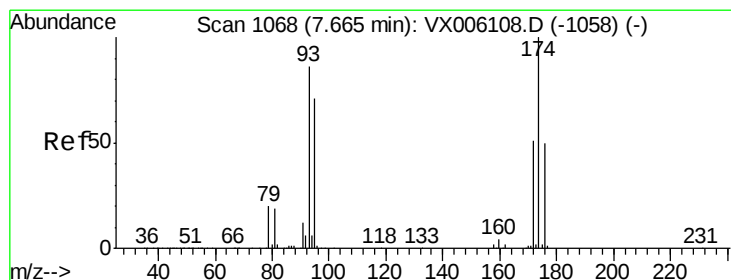
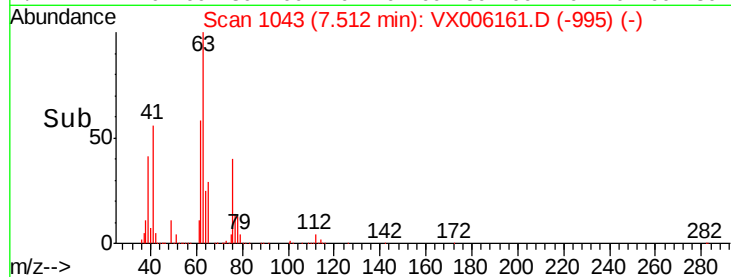
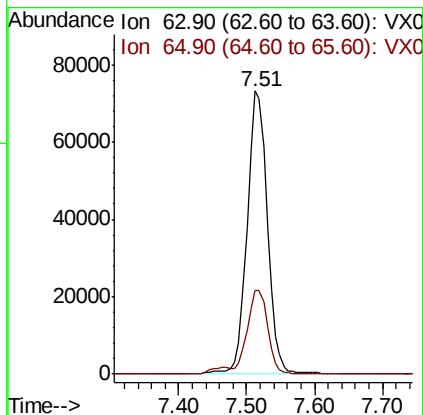
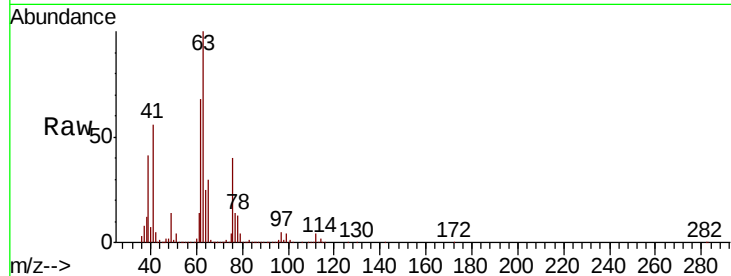
65 29.6 24.8 37.2

Manual Integrations

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MMDadoda

11/26/2018 9:49:30 AM



#46

Dibromomethane

Concen: 55.219 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

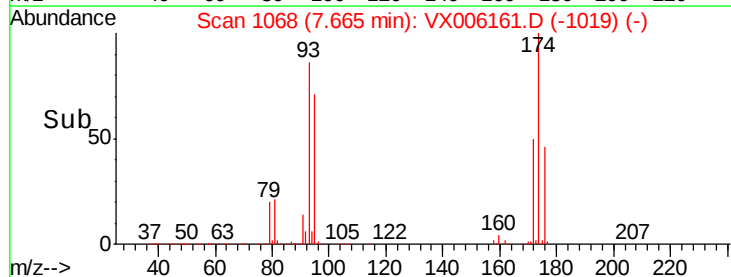
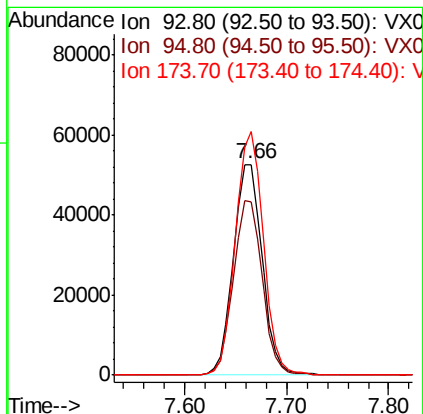
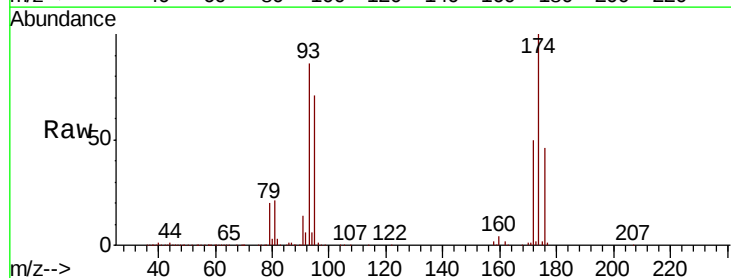
Tgt Ion: 93 Resp: 103206

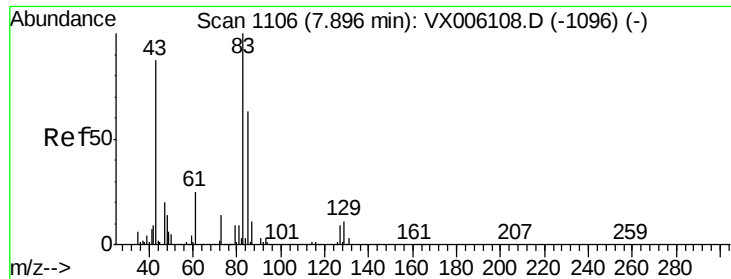
Ion Ratio Lower Upper

93 100

95 83.0 66.3 99.5

174 112.6 91.0 136.6





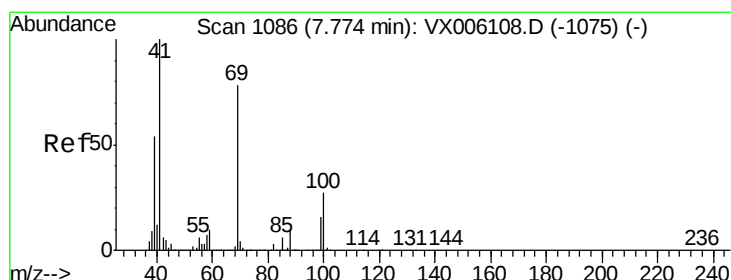
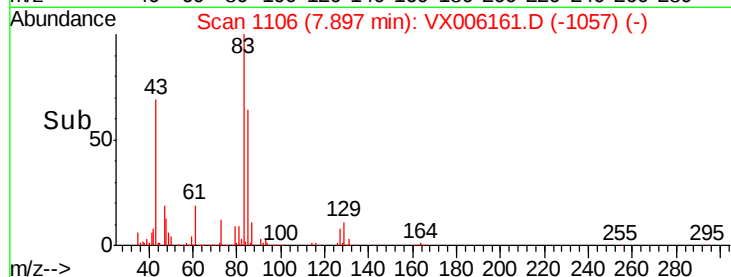
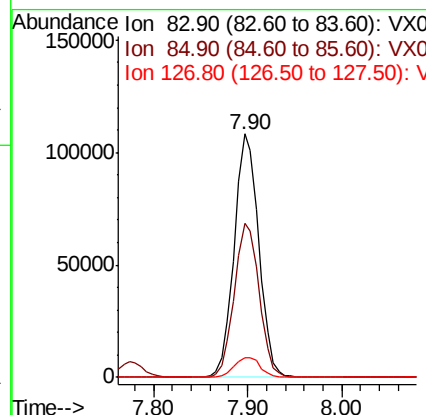
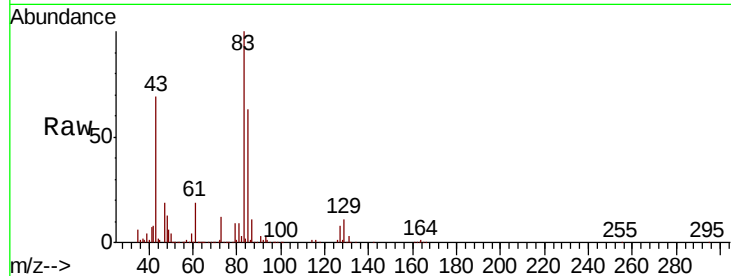
#47
Bromodichloromethane
Concen: 56.594 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195632		
85	63.4	50.4	75.6	
127	8.2	7.0	10.4	

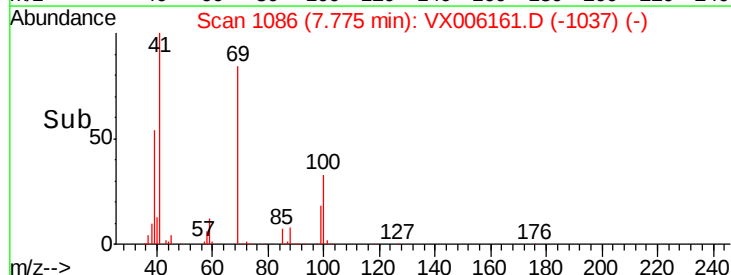
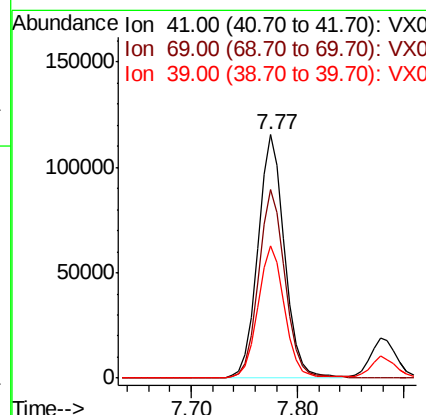
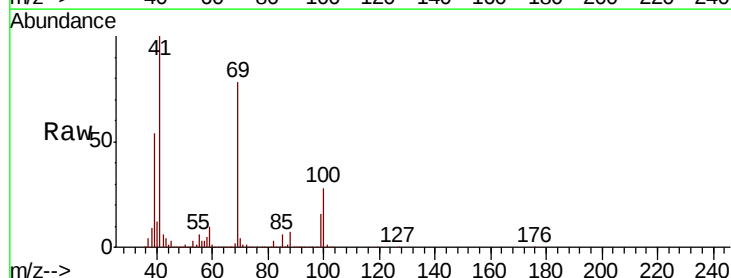
Manual Integrations
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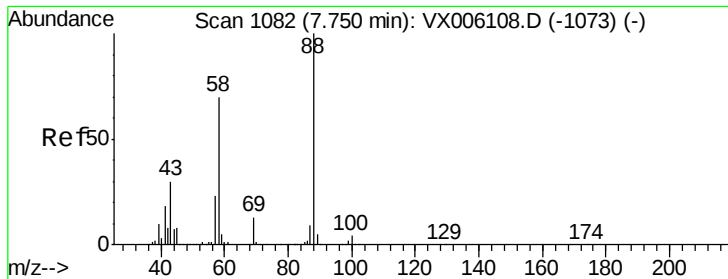
MMDadoda
11/26/2018 9:49:30 AM



#48
Methyl methacrylate
Concen: 61.176 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	201781		
69	77.8	62.8	94.2	
39	54.6	43.8	65.6	





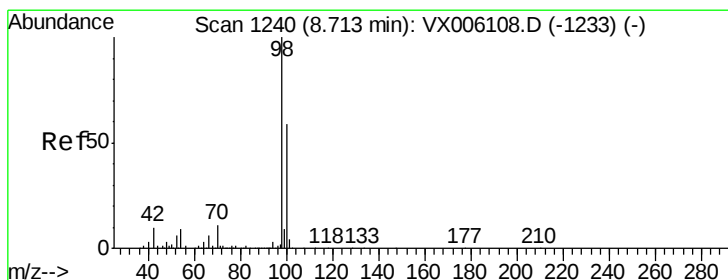
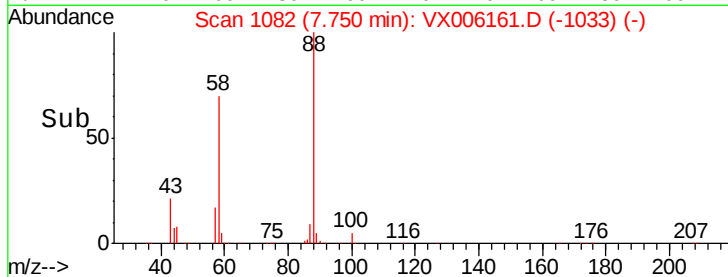
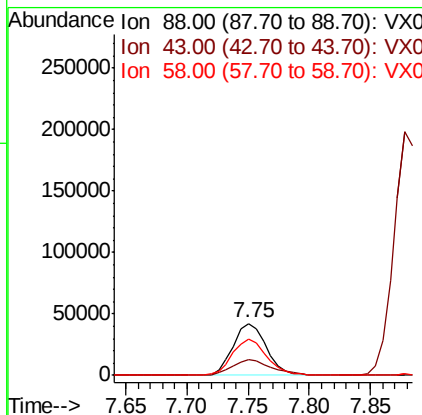
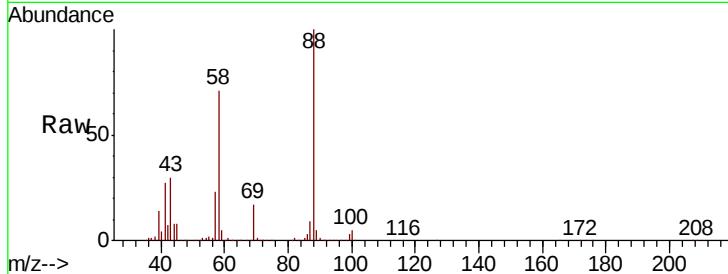
#49
1,4-Dioxane
Concen: 1025.105 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.7	40.1
58	72.5	58.5	87.7

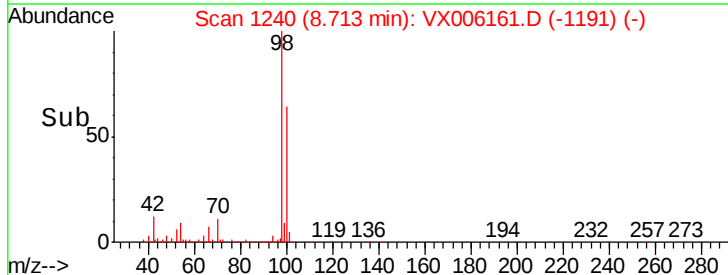
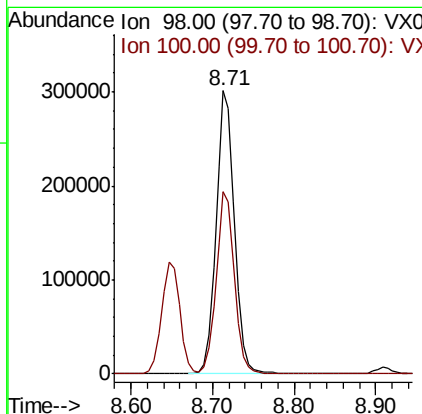
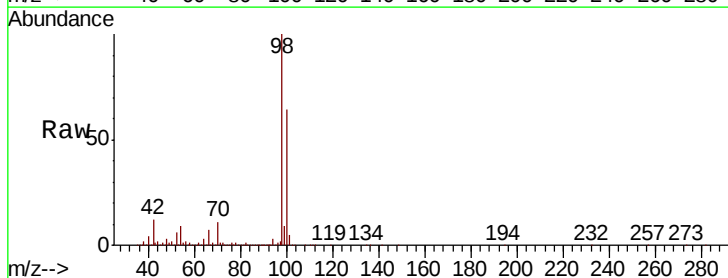
Manual Integrations
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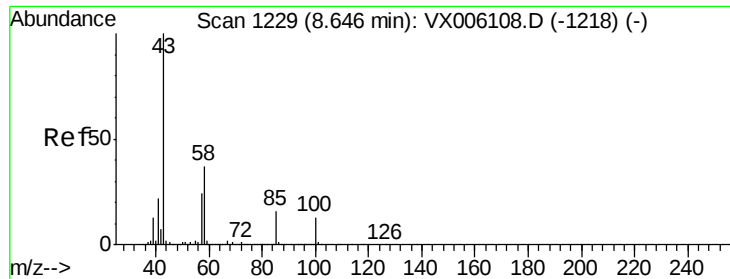
MMDadoda
11/26/2018 9:49:30 AM



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 290.411 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

DTW-03MS

Tot Ion: 43 Resp: 1354005

Ion Ratio Lower Upper

43 100

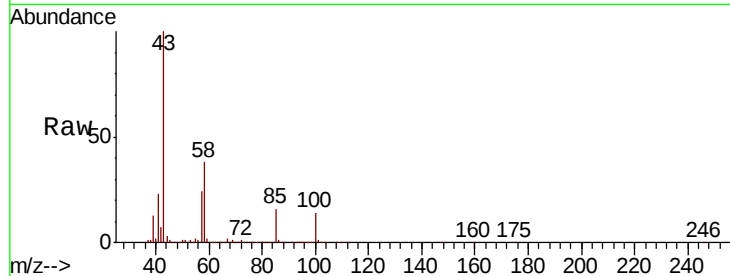
58 37.5 29.9 44.9

Manual Integrations

APPROVED

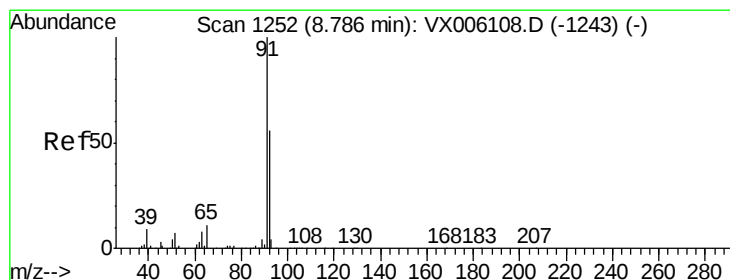
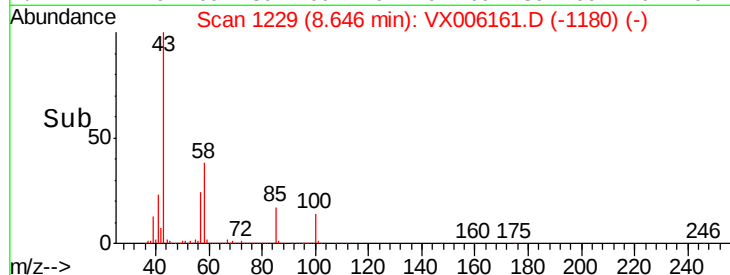
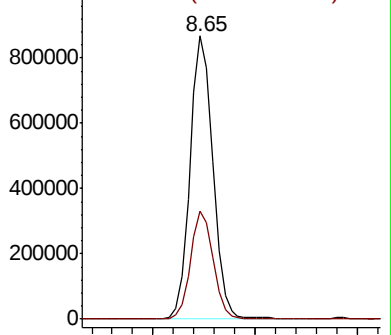
MMDadoda

11/26/2018 9:49:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.720 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006161.D

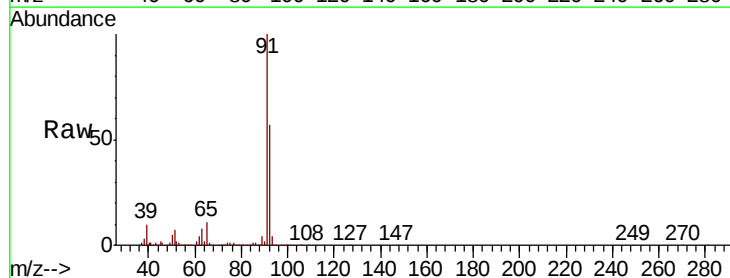
Acq: 22 Nov 2018 08:55

Tgt Ion: 92 Resp: 336278

Ion Ratio Lower Upper

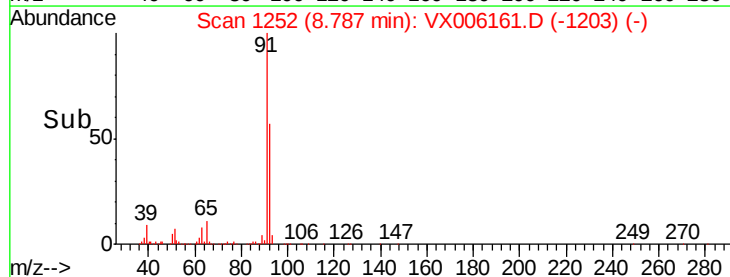
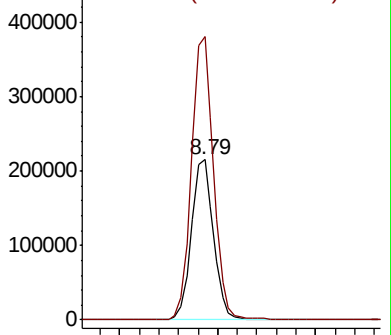
92 100

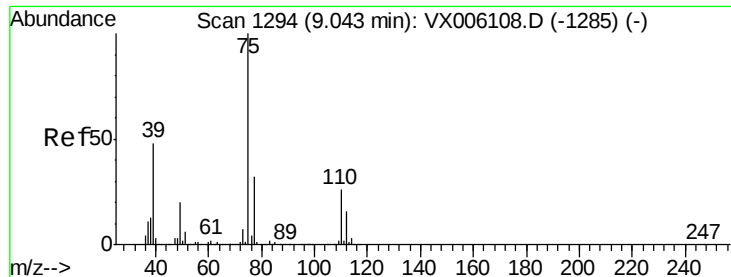
91 176.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.174 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 75 Resp: 195420

Ion Ratio Lower Upper

75 100

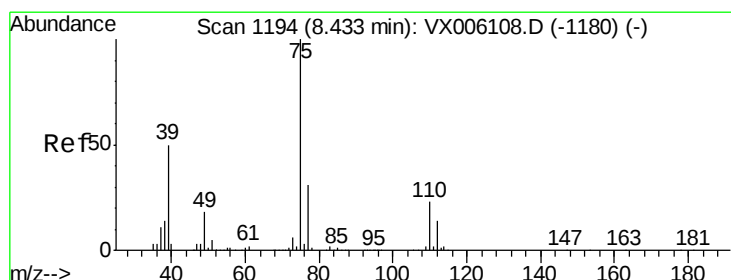
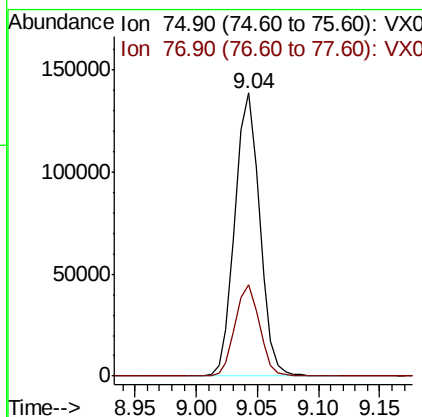
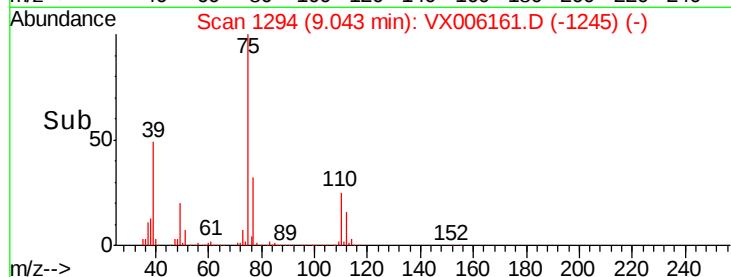
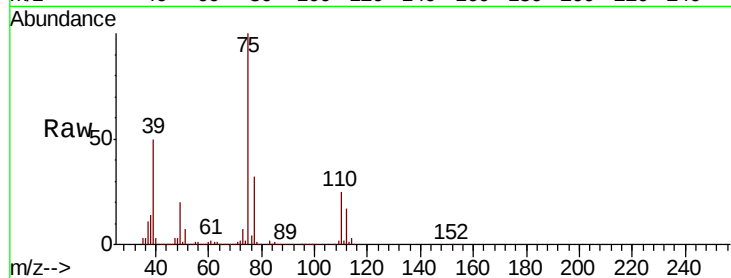
77 32.4 25.7 38.5

Manual Integrations

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11/26/2018 9:49:30 AM



#54

cis-1,3-Dichloropropene

Concen: 51.884 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

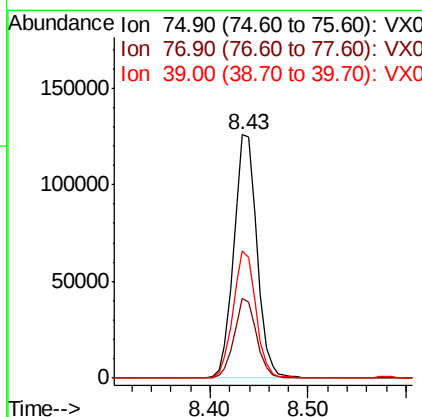
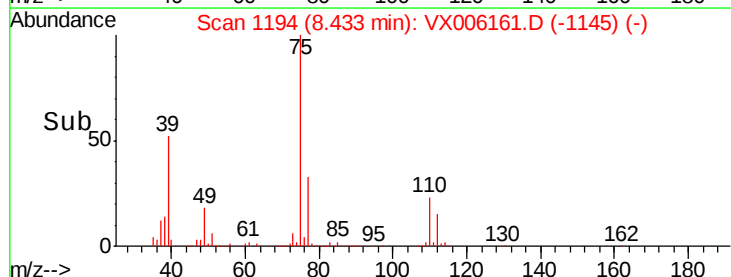
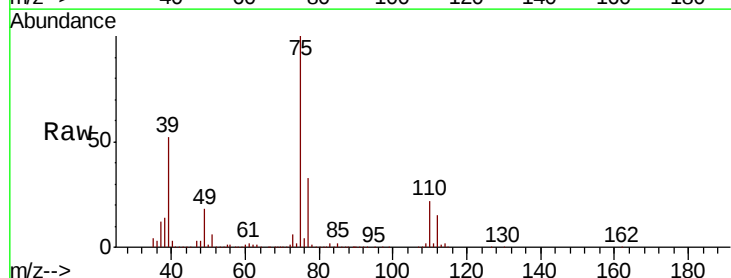
Tgt Ion: 75 Resp: 206898

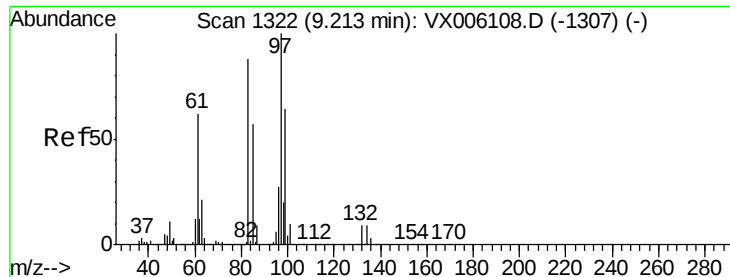
Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1

39 52.3 40.3 60.5





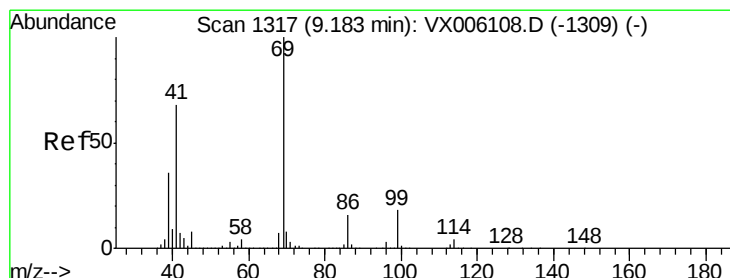
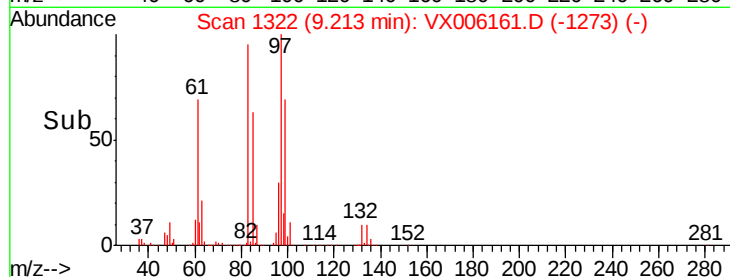
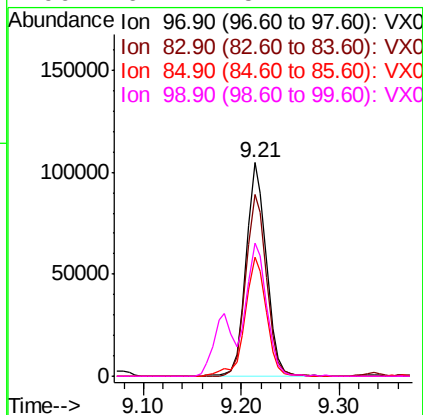
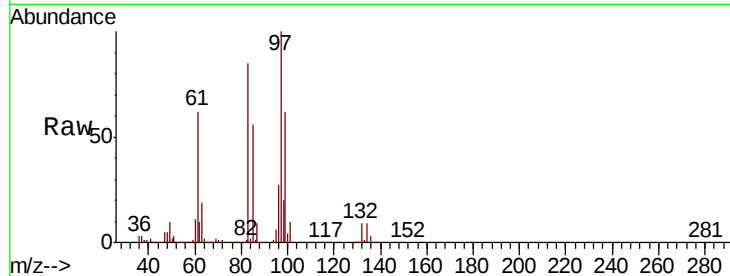
#55
1,1,2-Trichloroethane
Concen: 54.622 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.7	106.1
85	55.8	45.7	68.5
99	62.4	51.4	77.2

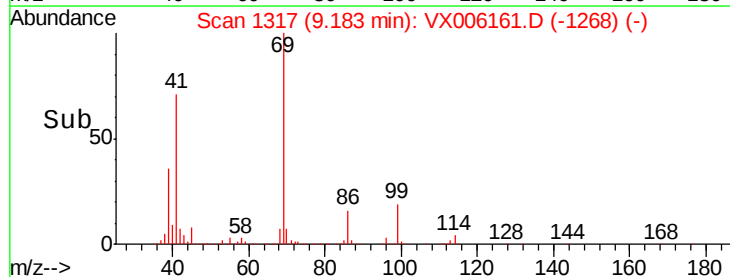
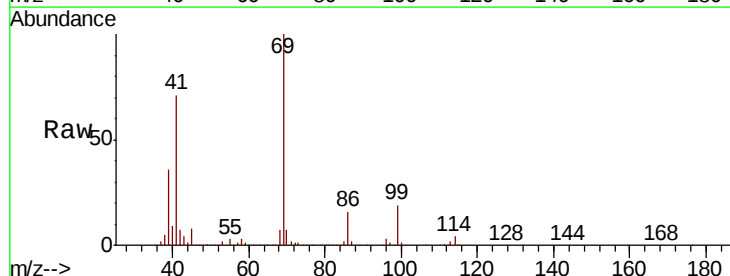
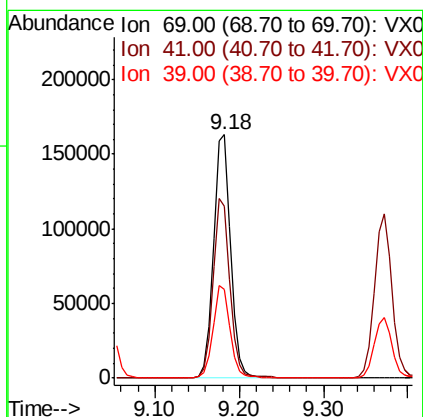
Manual Integrations
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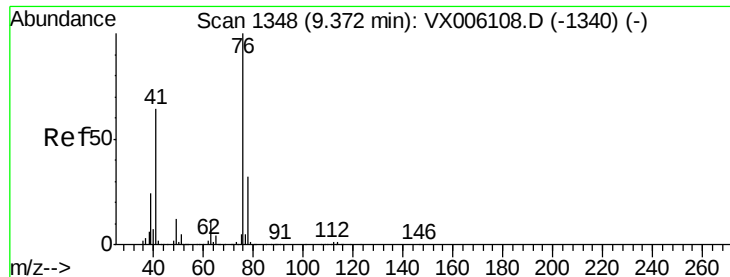
MMDadoda
11/26/2018 9:49:30 AM



#56
Ethyl methacrylate
Concen: 53.371 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.2	84.4
39	37.4	29.4	44.0





#57

1,3-Dichloropropane

Concen: 54.609 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 76 Resp: 248657

Ion Ratio Lower Upper

76 100

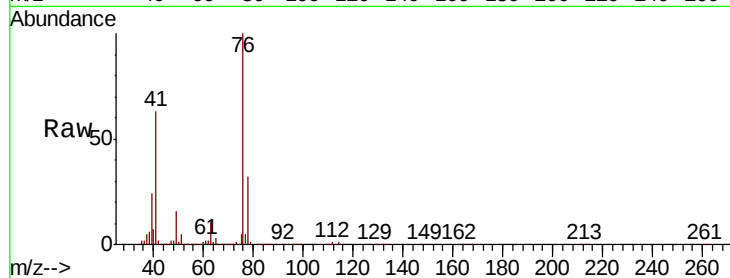
78 31.9 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

11/26/2018 9:49:30 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

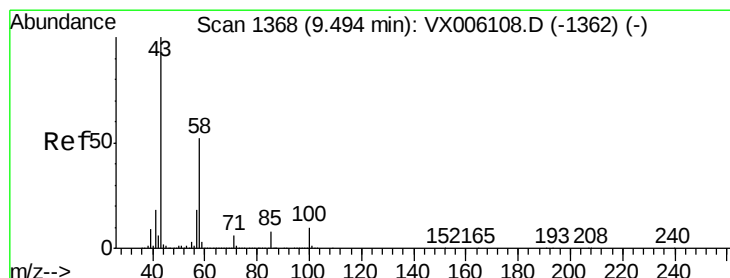
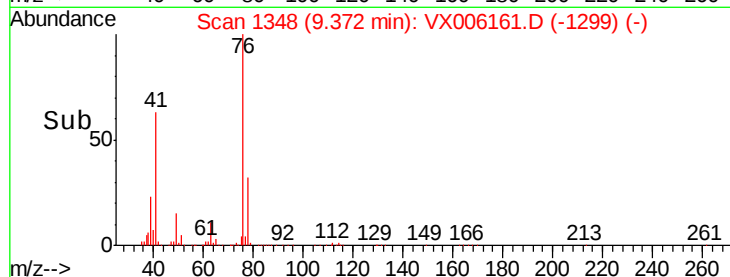
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 289.521 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006161.D

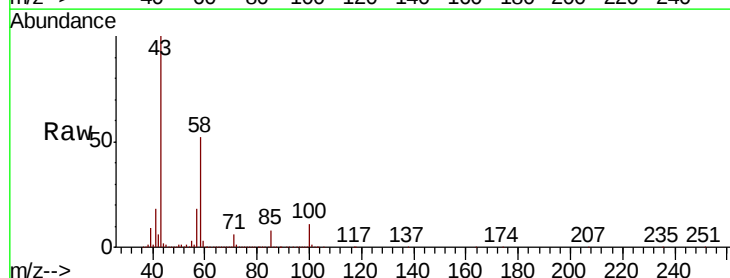
Acq: 22 Nov 2018 08:55

Tgt Ion: 43 Resp: 1071259

Ion Ratio Lower Upper

43 100

58 52.3 26.3 78.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

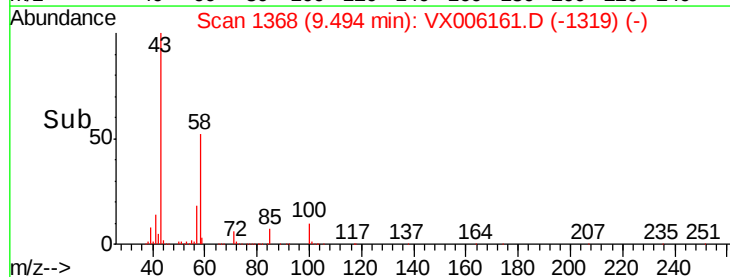
400000

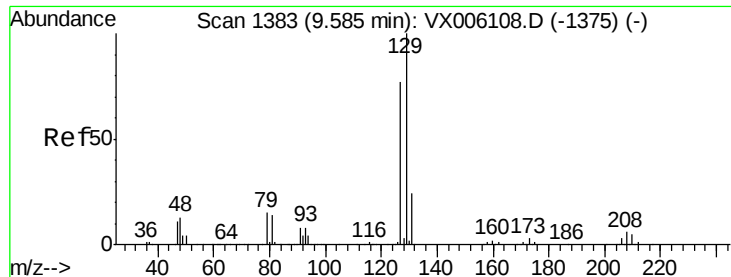
200000

0

9.40 9.50 9.60

Time-->





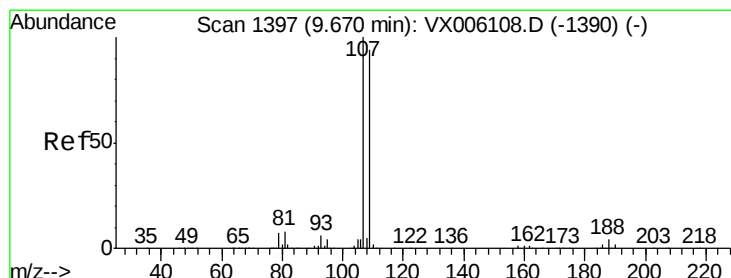
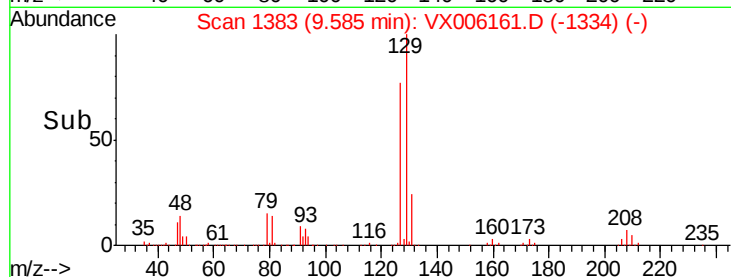
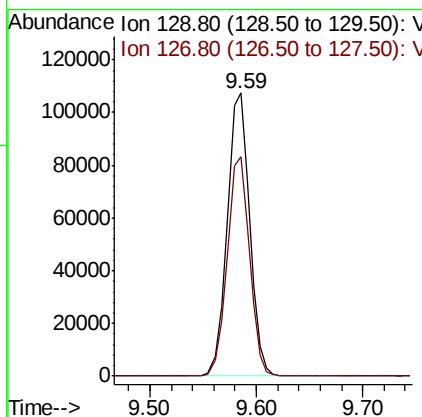
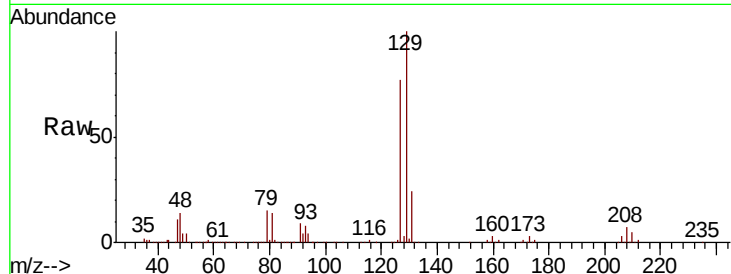
#60
 Dibromochloromethane
 Concen: 58.579 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.5

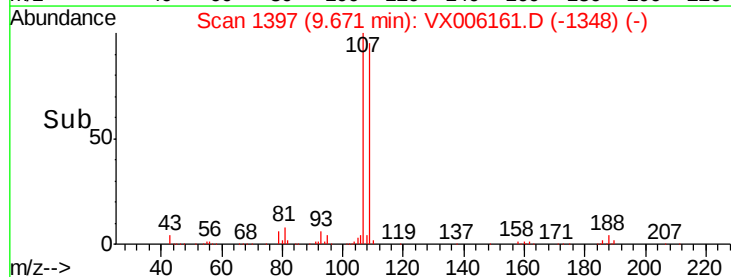
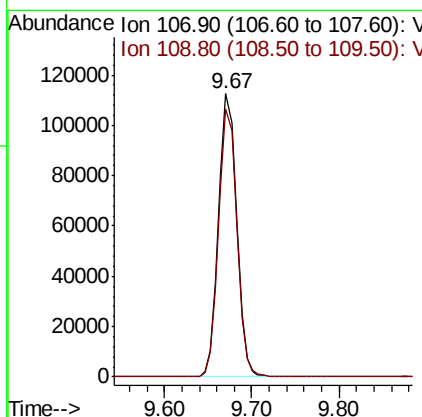
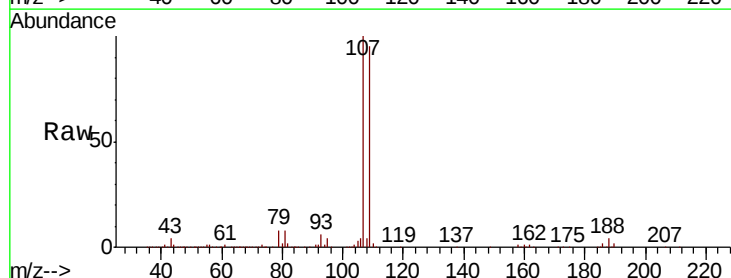
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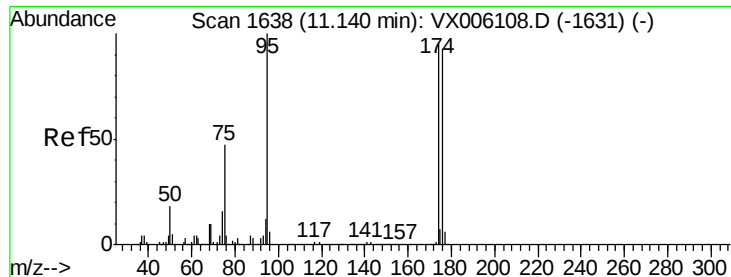
MMDadoda
 11/26/2018 9:49:30 AM



#61
 1,2-Dibromoethane
 Concen: 56.780 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.7	113.5





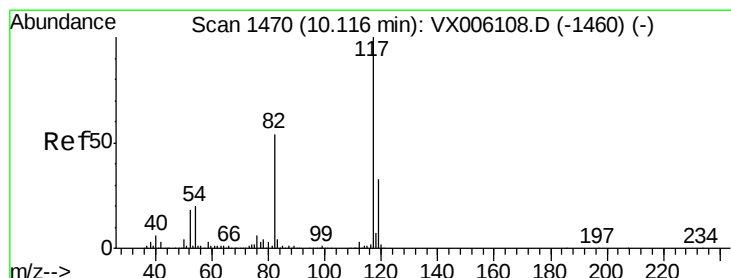
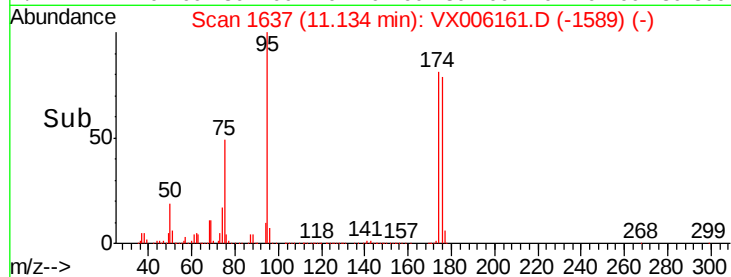
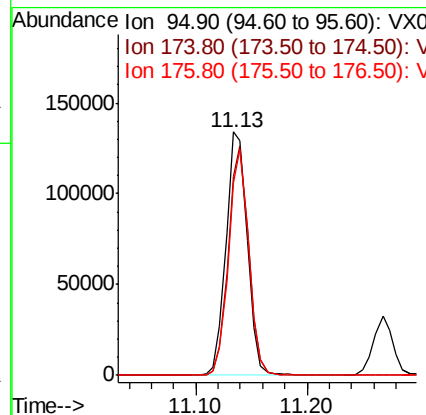
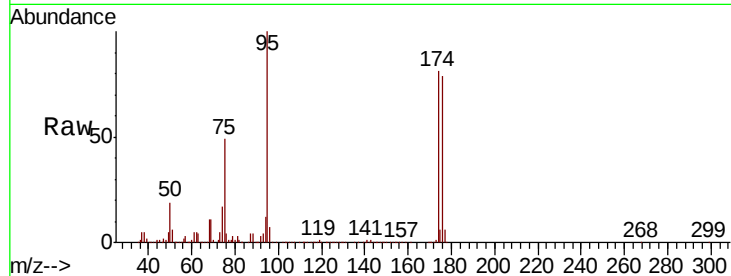
#62
4-Bromofluorobenzene
Concen: 50.185 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	177377		
174	90.2	0.0	184.4	
176	87.9	0.0	179.0	

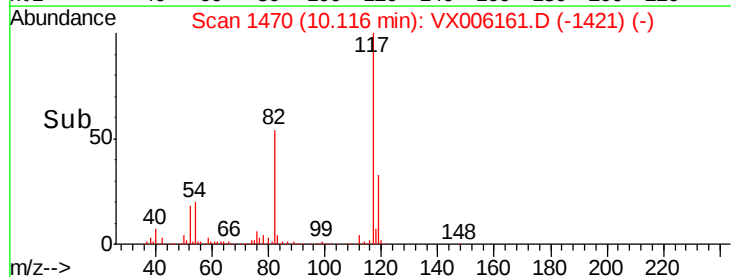
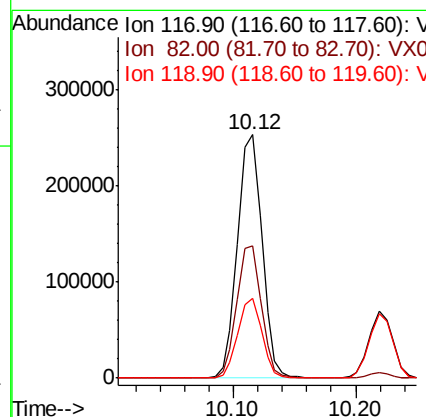
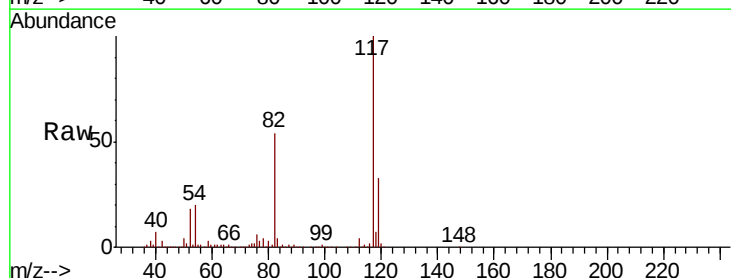
Manual Integrations
APPROVED

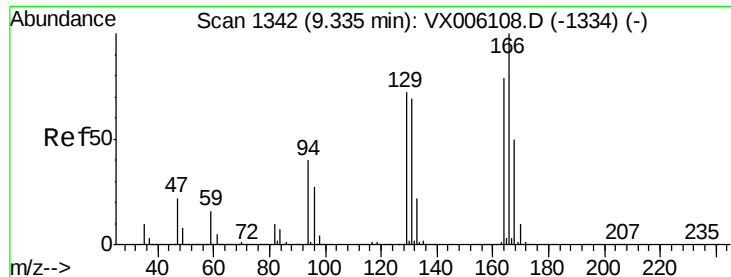
MMDadoda
11/26/2018 9:49:30 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	352880		
82	54.2	43.0	64.4	
119	32.6	26.1	39.1	





#64

Tetrachloroethene

Concen: 37.932 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion:164 Resp: 110153

Ion Ratio Lower Upper

164 100

166 130.3 101.5 152.3

129 91.0 73.4 110.0

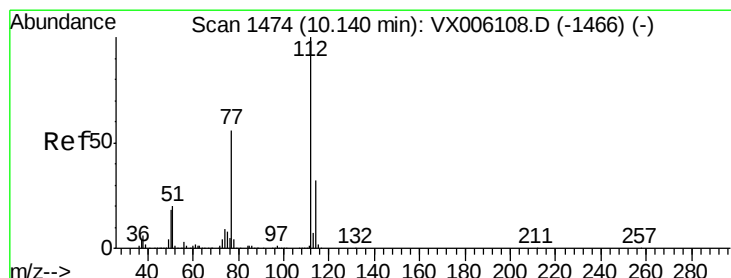
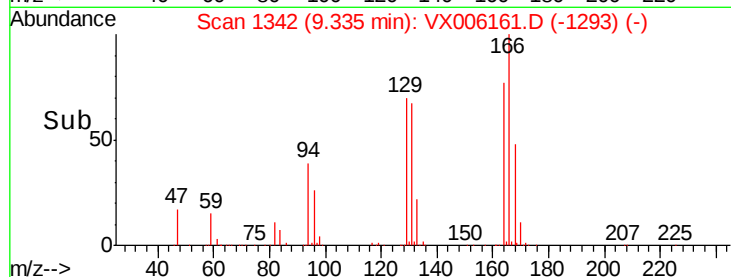
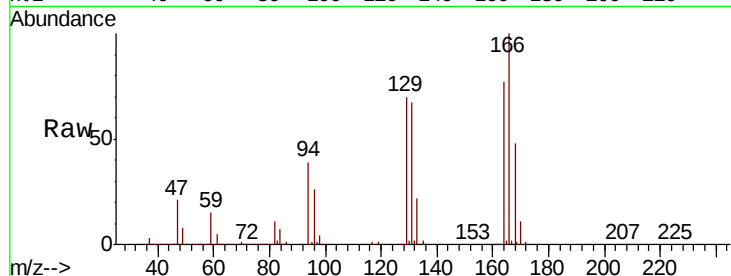
131 86.9 70.2 105.4

Manual Integrations

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#65

Chlorobenzene

Concen: 50.353 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006161.D

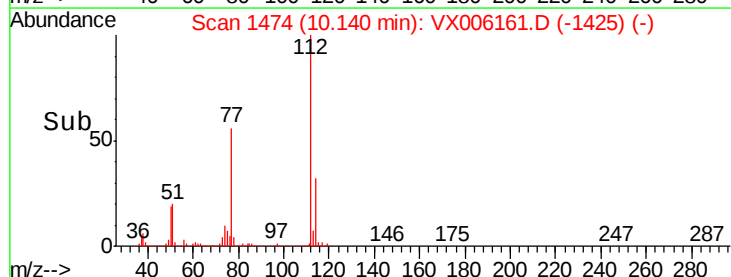
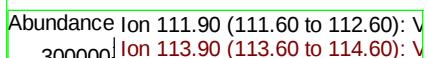
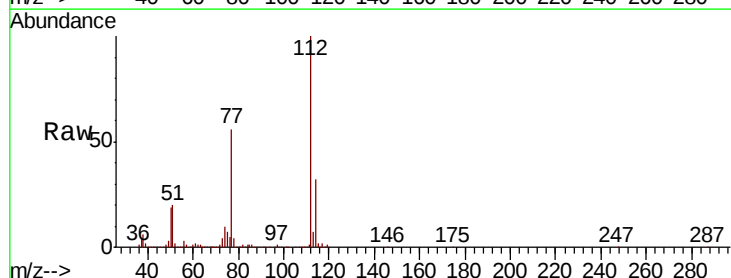
Acq: 22 Nov 2018 08:55

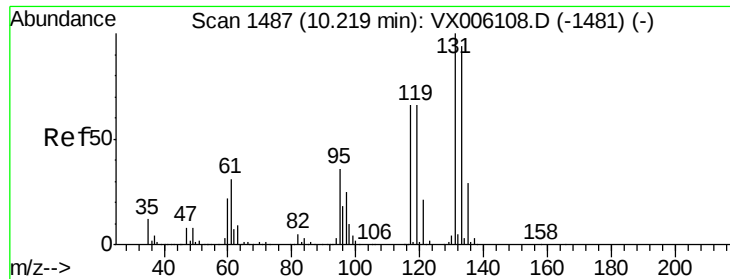
Tgt Ion:112 Resp: 364472

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4





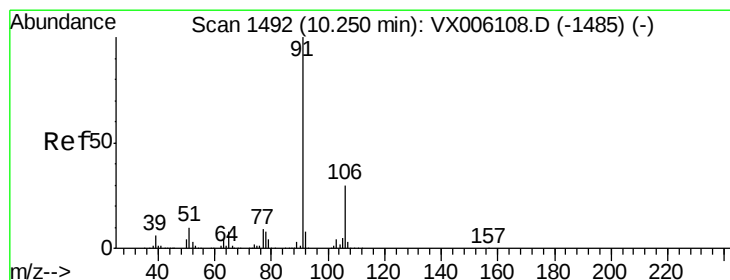
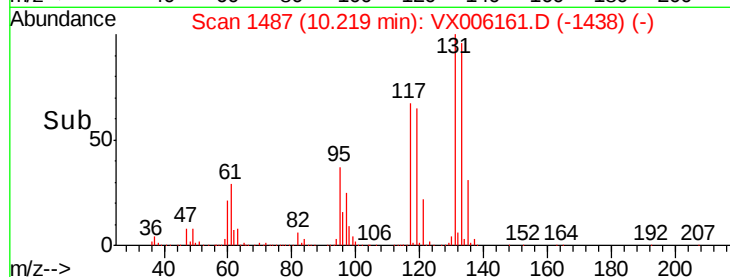
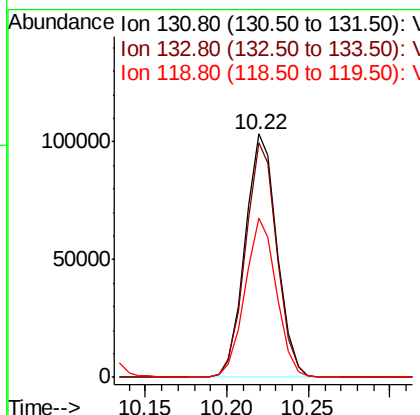
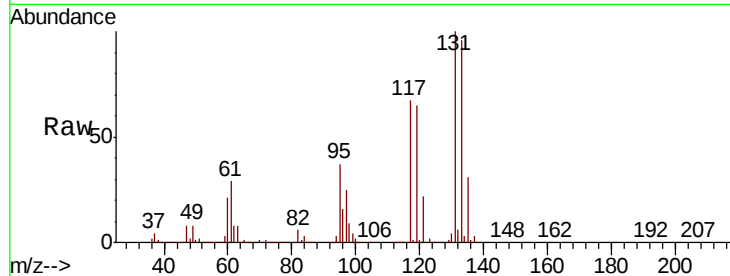
#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.552 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	140534		
133	95.2	48.0	144.2	
119	64.9	32.6	97.8	

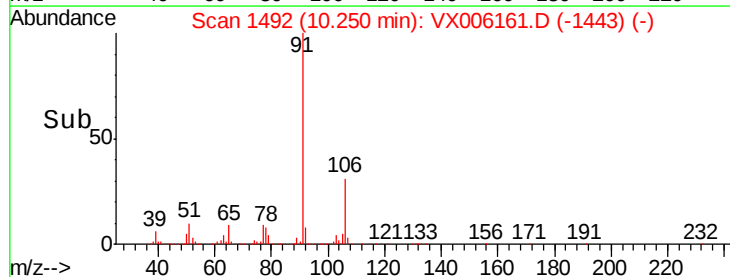
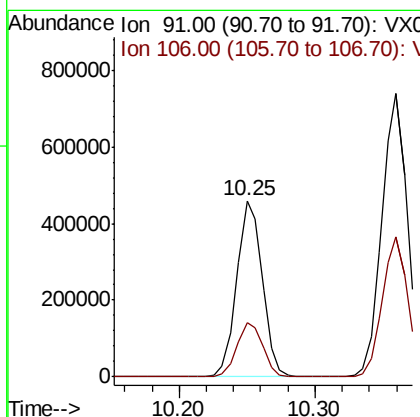
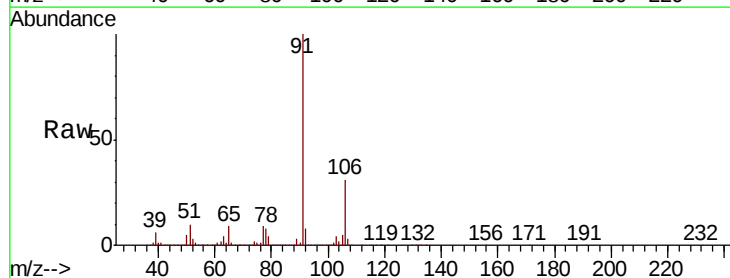
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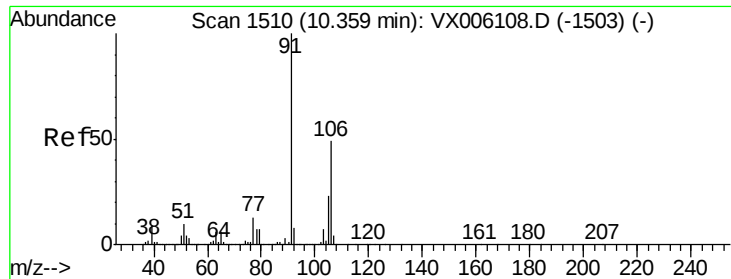
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#67
 Ethyl Benzene
 Concen: 50.726 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	601192		
106	30.5	24.4	36.6	





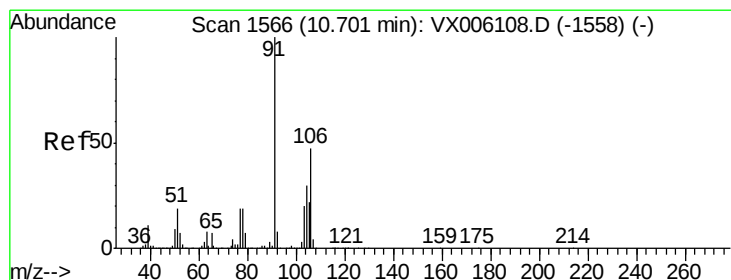
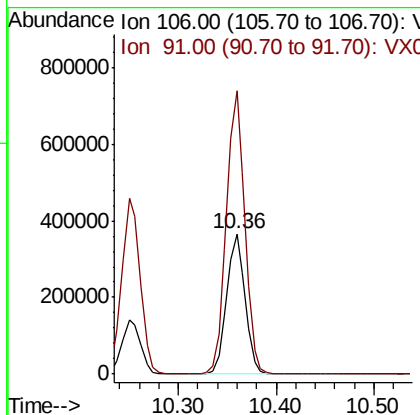
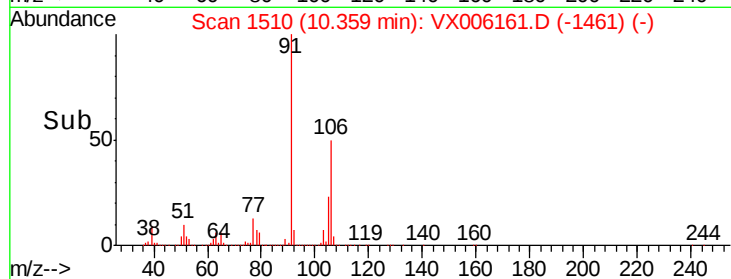
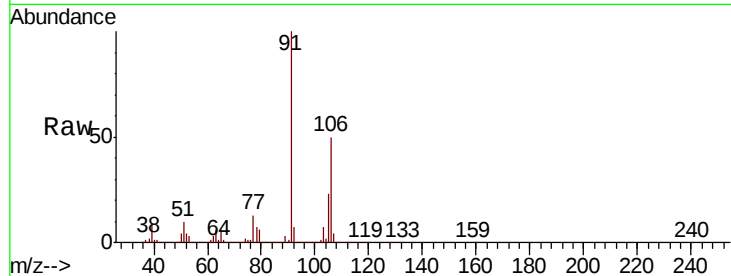
#68
m/p-Xylenes
Concen: 103.431 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion:106 Resp: 477336
Ion Ratio Lower Upper
106 100
91 203.0 162.0 243.0

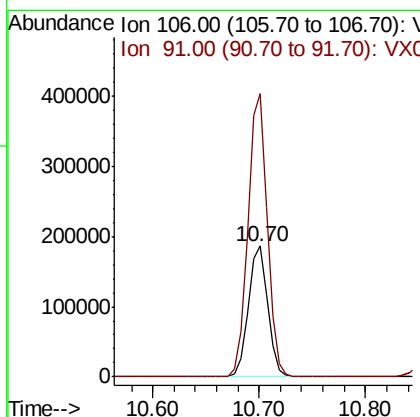
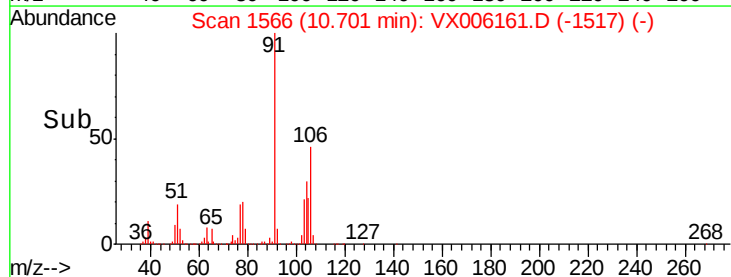
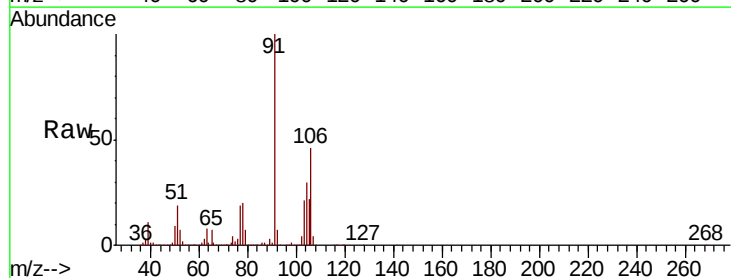
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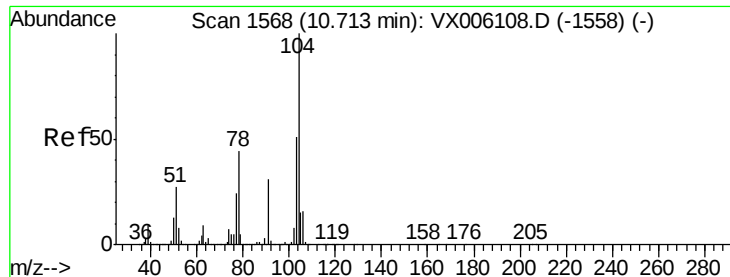
MMDadoda
11/26/2018 9:49:30 AM



#69
o-Xylene
Concen: 53.869 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion:106 Resp: 237469
Ion Ratio Lower Upper
106 100
91 216.3 107.4 322.2





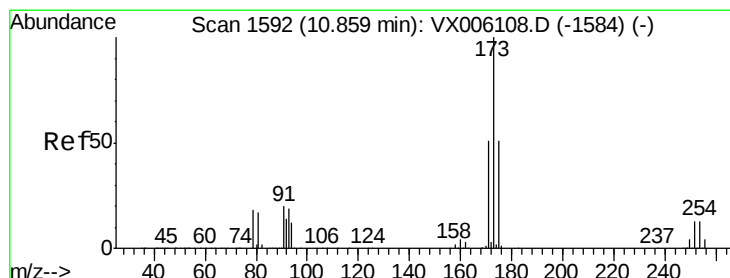
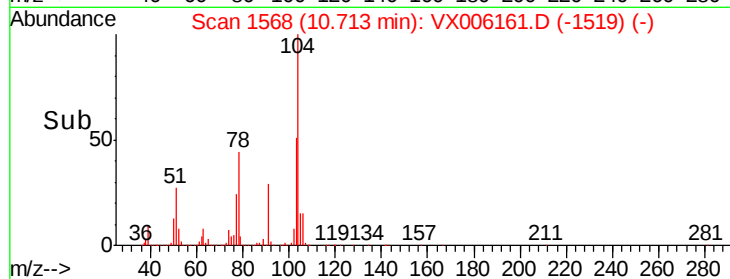
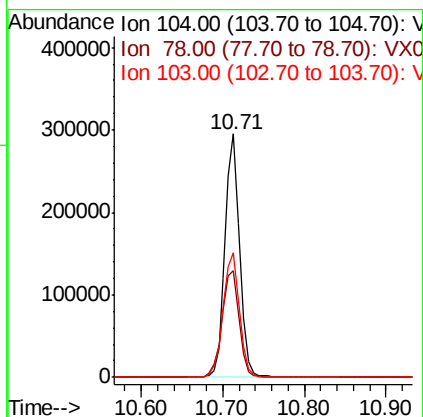
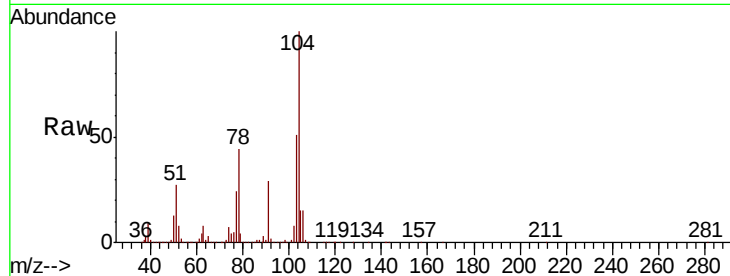
#70
Stvrene
Concen: 51.164 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	39.4	59.2
103	57.2	44.6	67.0

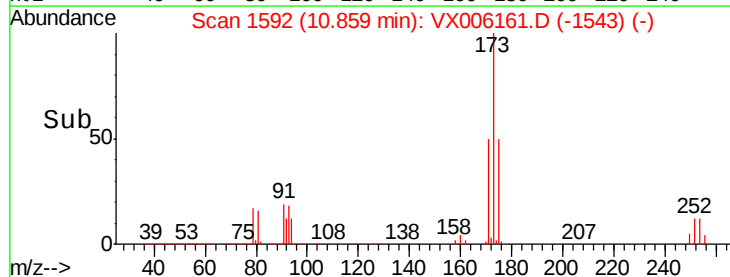
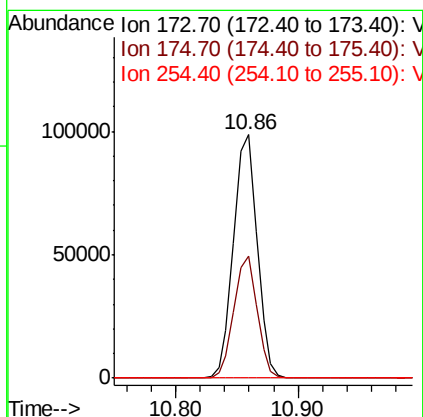
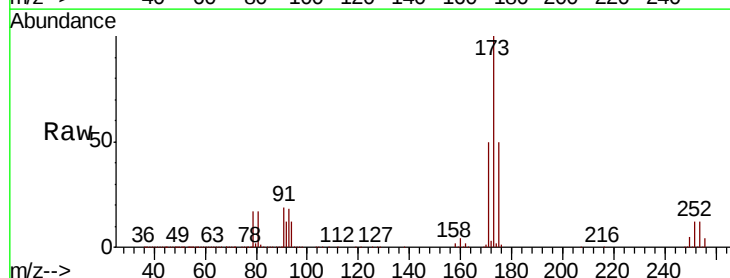
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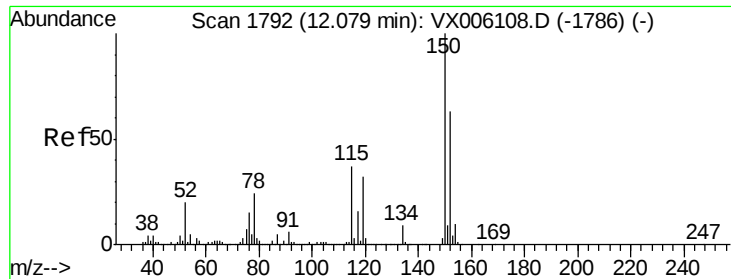
MMDadoda
11/26/2018 9:49:30 AM



#71
Bromoform
Concen: 59.442 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.6
254	0.2	0.2	0.2





#72

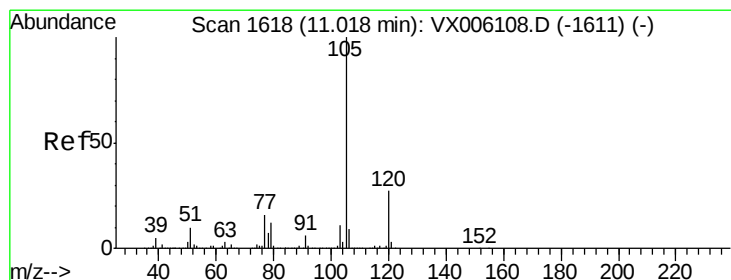
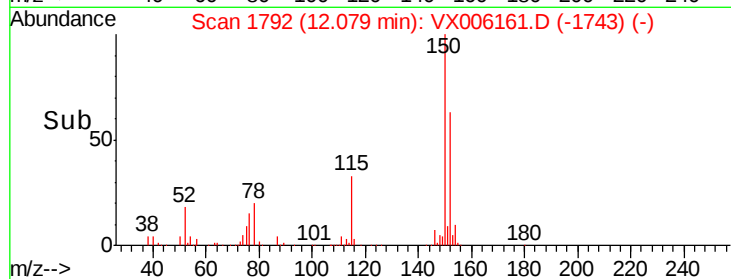
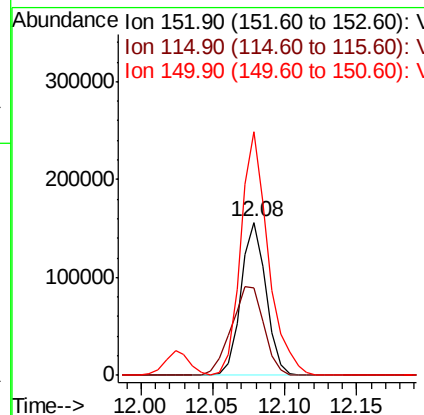
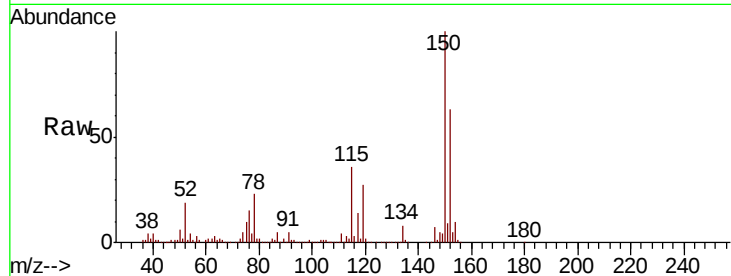
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	188670		
115	75.7	39.0	116.9	
150	174.1	0.0	346.6	

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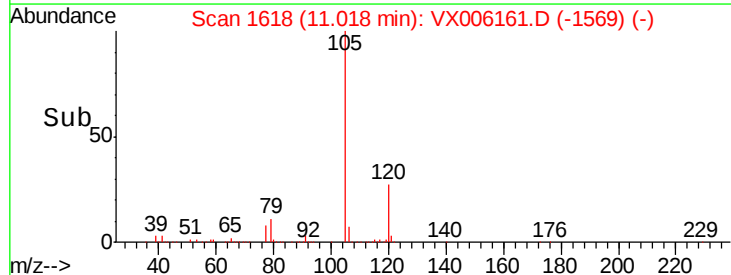
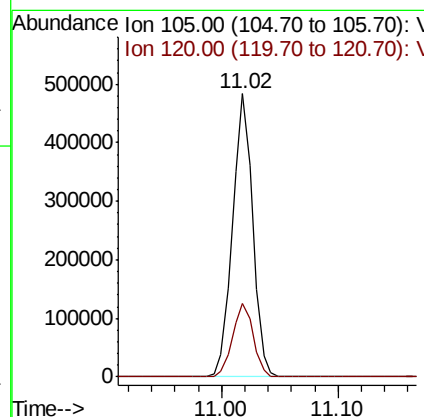
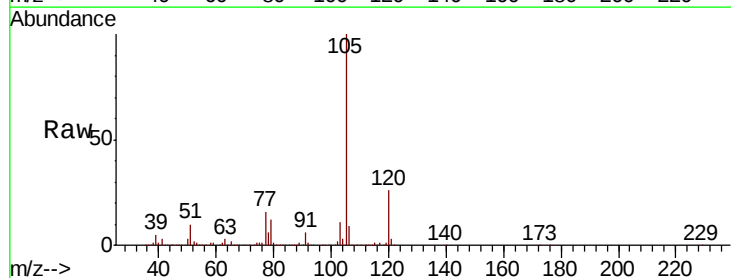
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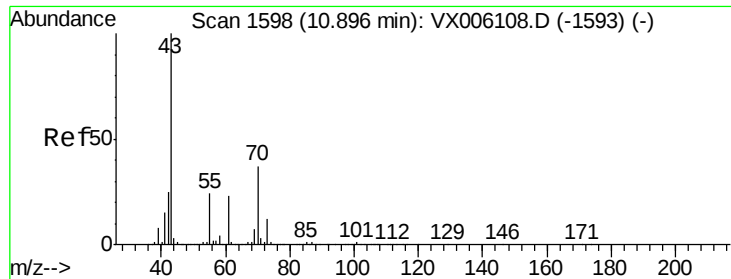


#73

Isopropylbenzene
Concen: 50.869 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580693		
120	26.8	13.3	39.8	





#74

N-amvl acetate

Concen: 58.834 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

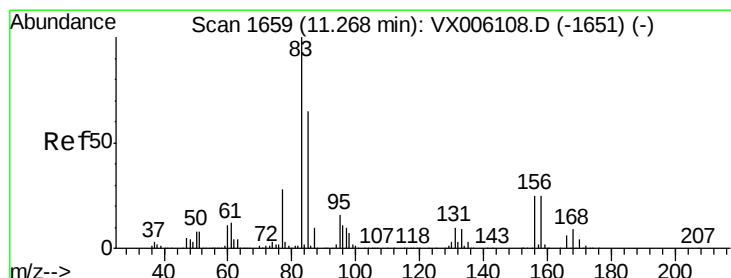
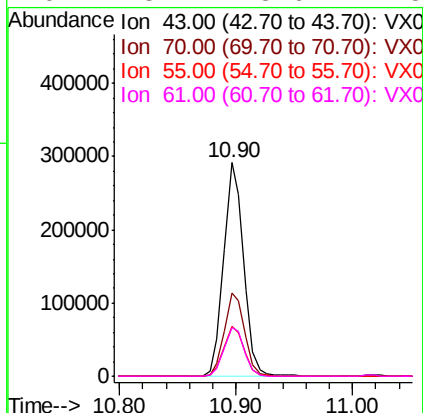
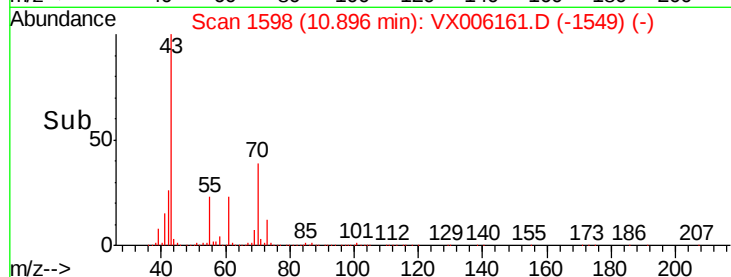
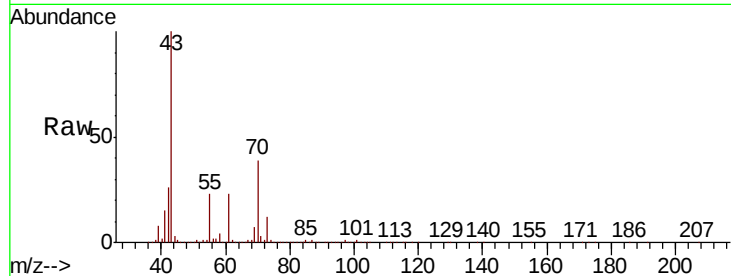
ClientSampleId :

DTW-03MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.8	47.6
55	24.1	19.5	29.3
61	23.1	18.6	27.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 60.404 ug/l

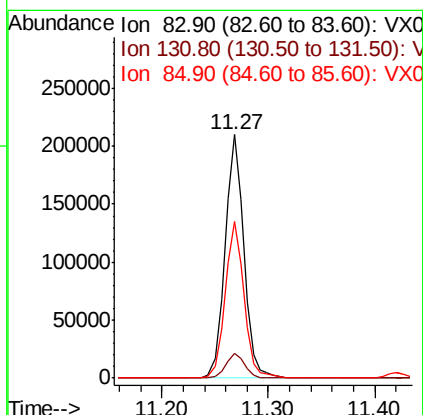
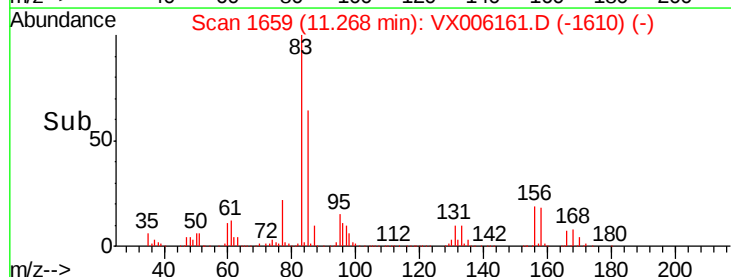
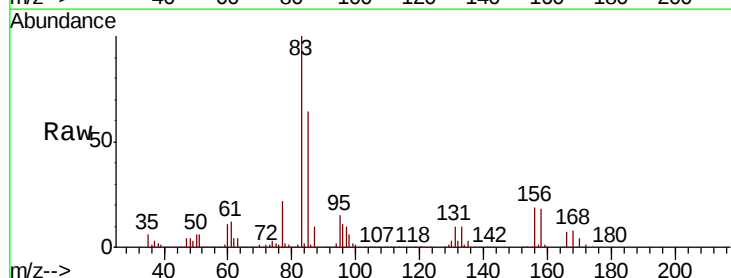
RT: 11.27 min Scan# 1659

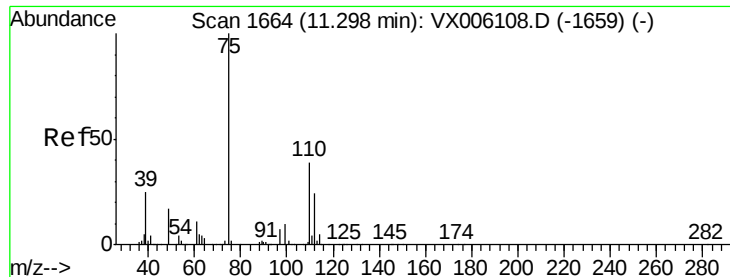
Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.2	15.6
85	64.2	32.6	97.8





#76

1,2,3-Trichloropropane

Concen: 60.435 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 75 Resp: 234747

Ion Ratio Lower Upper

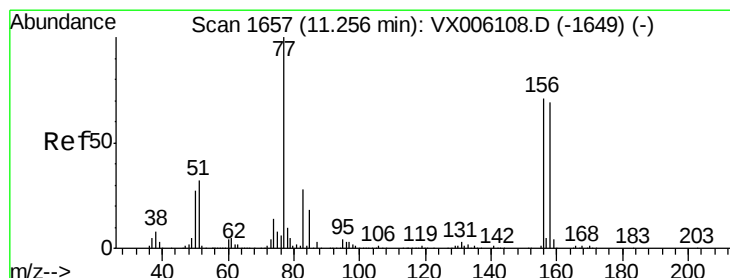
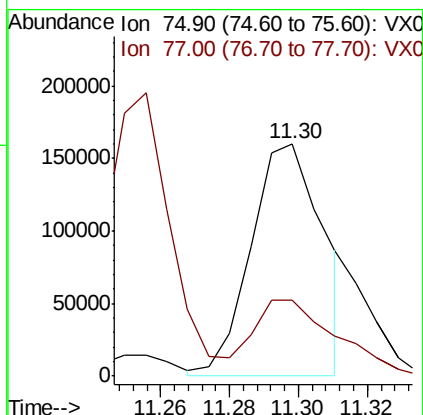
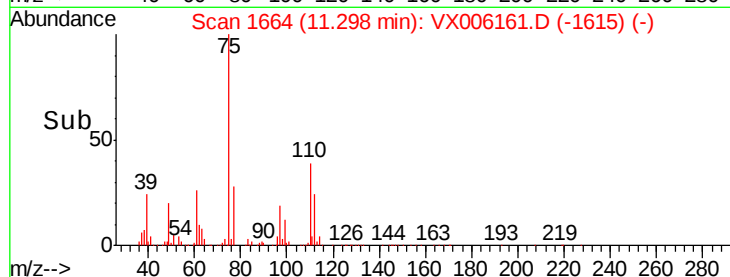
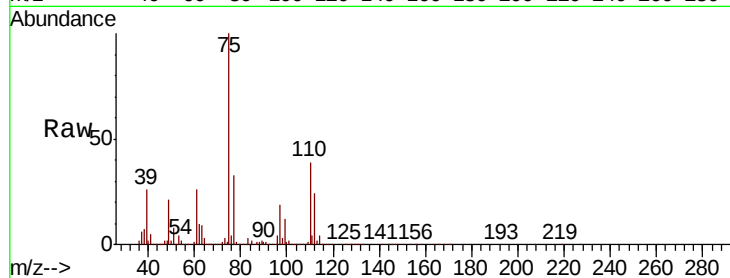
75 100

77 37.2 19.6 58.7

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#77

Bromobenzene

Concen: 53.269 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

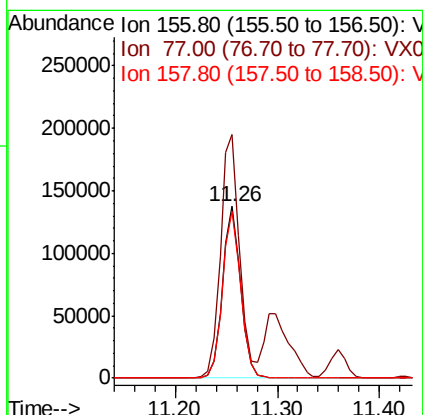
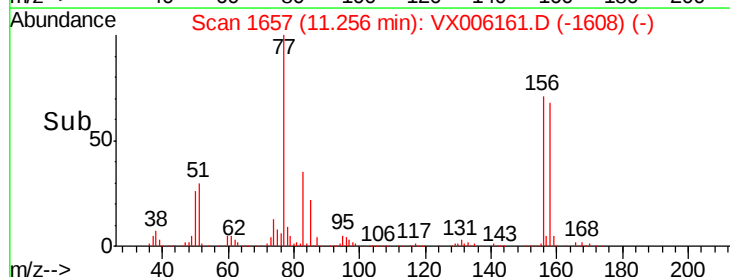
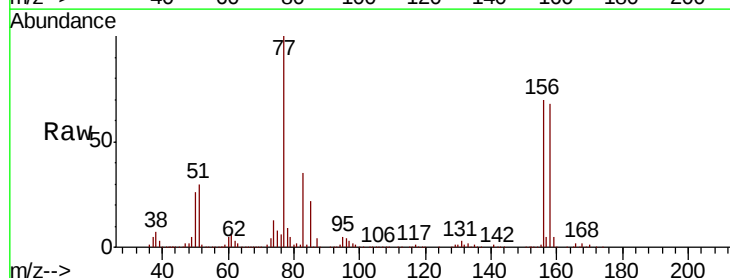
Tgt Ion: 156 Resp: 170349

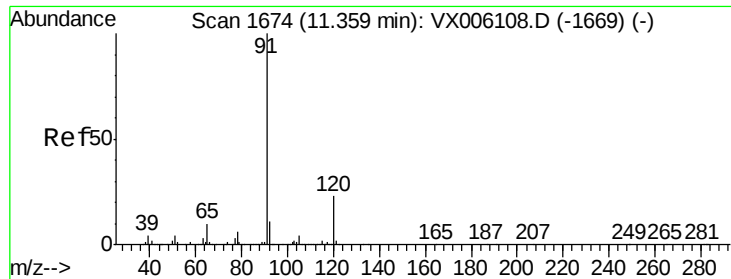
Ion Ratio Lower Upper

156 100

77 150.1 74.3 222.8

158 97.7 49.0 147.0





#78

n-propylbenzene

Concen: 49.622 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 91 Resp: 659699

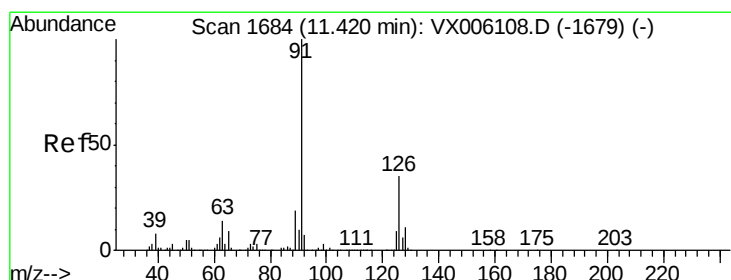
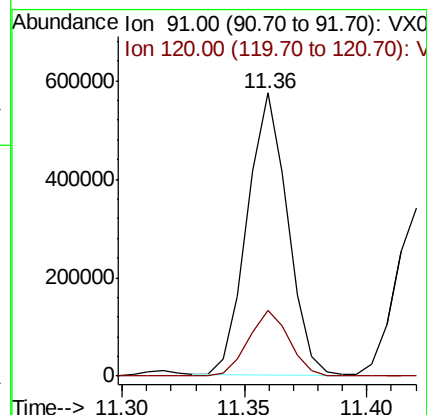
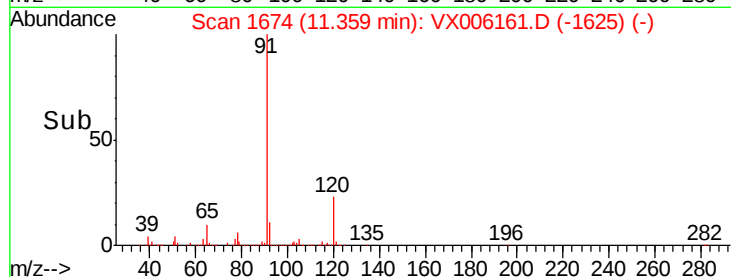
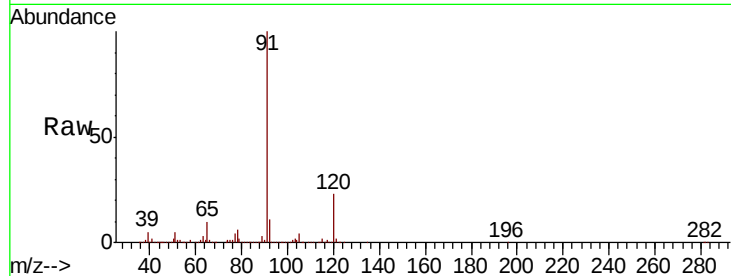
Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3

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#79

2-Chlorotoluene

Concen: 51.312 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006161.D

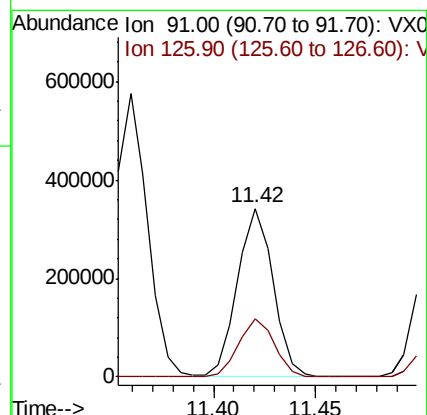
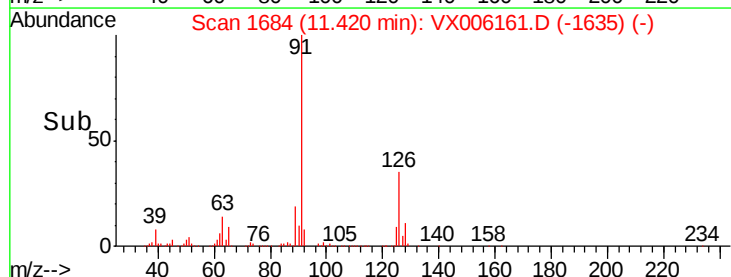
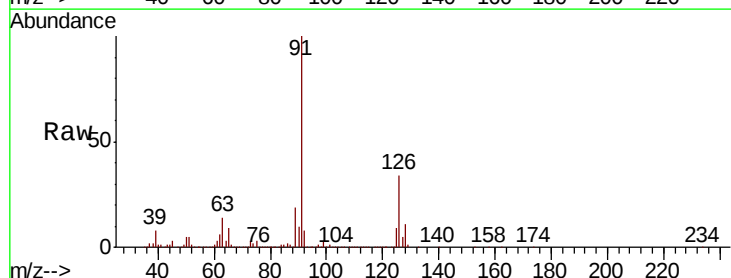
Acq: 22 Nov 2018 08:55

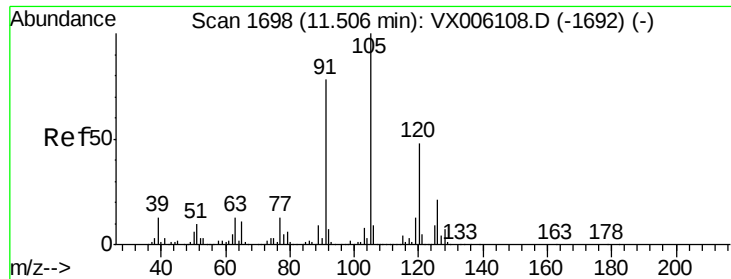
Tgt Ion: 91 Resp: 412697

Ion Ratio Lower Upper

91 100

126 34.7 17.6 52.9





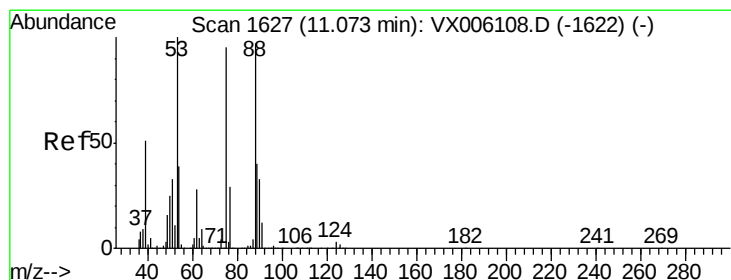
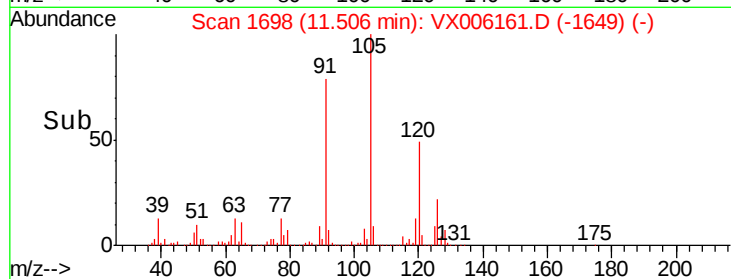
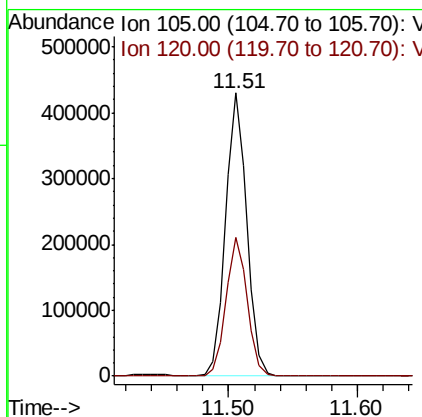
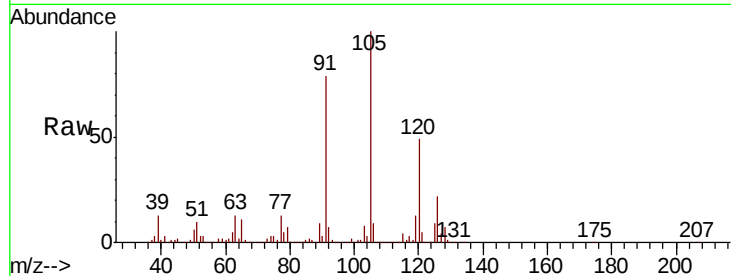
#80
 1,3,5-Trimethylbenzene
 Concen: 51.644 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	73.0

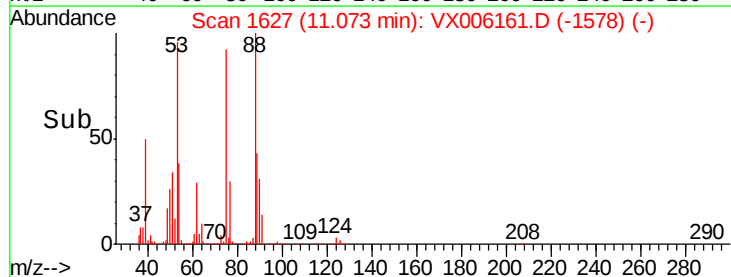
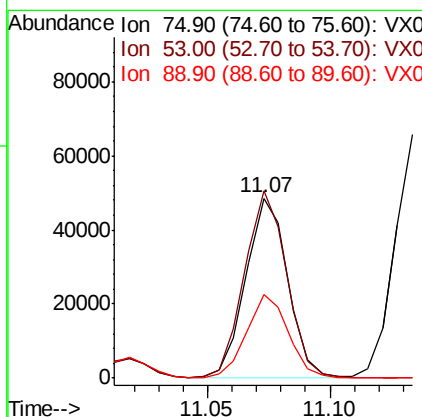
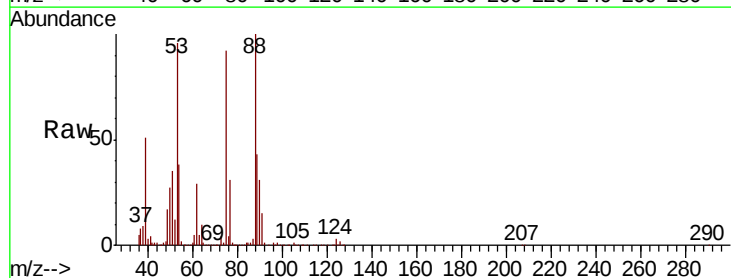
Manual Integrations
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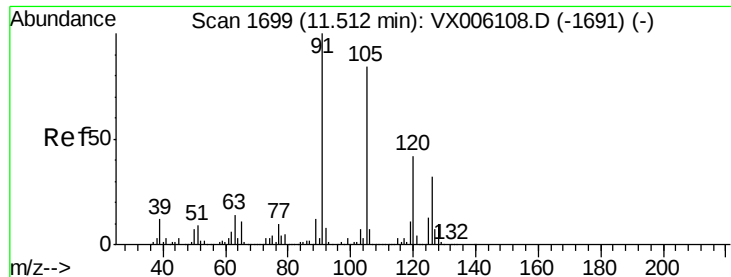
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.470 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.5	85.3	127.9
89	46.7	37.2	55.8





#82

4-Chlorotoluene

Concen: 51.577 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion: 91 Resp: 484103

Ion Ratio Lower Upper

91 100

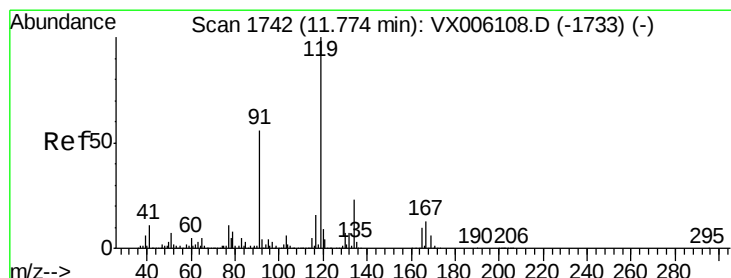
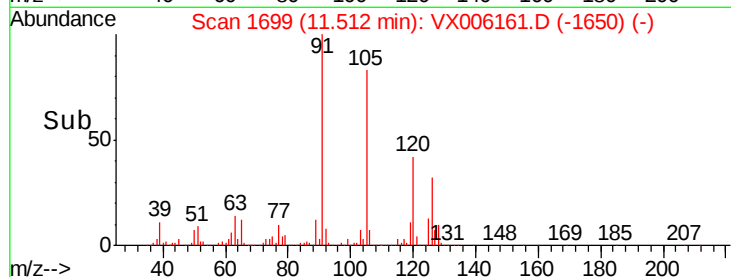
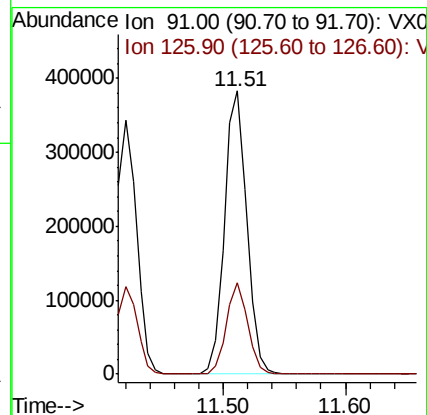
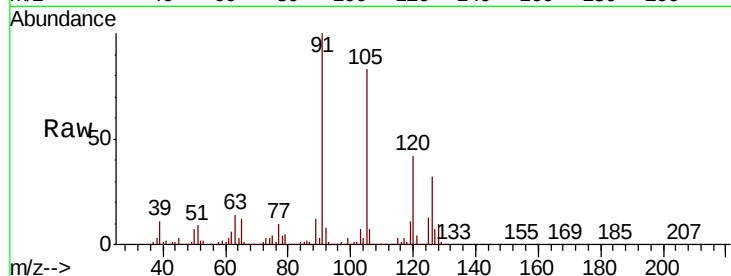
126 30.9 15.3 45.9

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#83

tert-Butylbenzene

Concen: 53.783 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

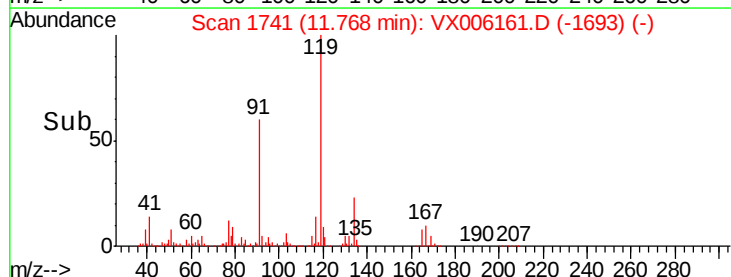
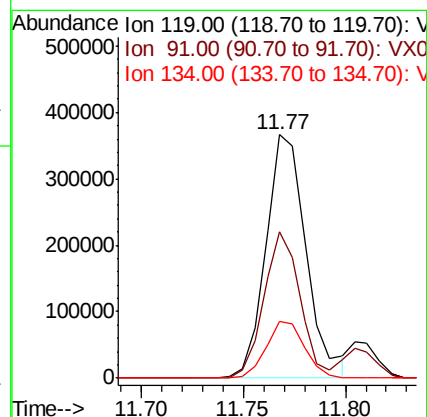
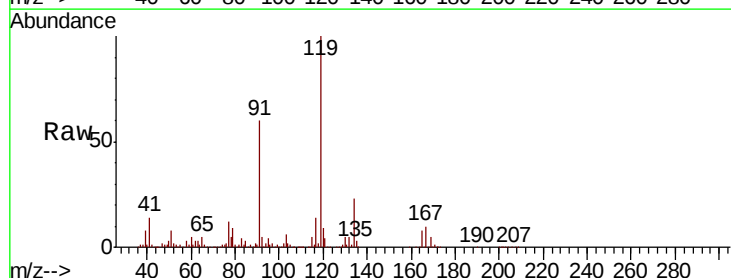
Tgt Ion: 119 Resp: 505350

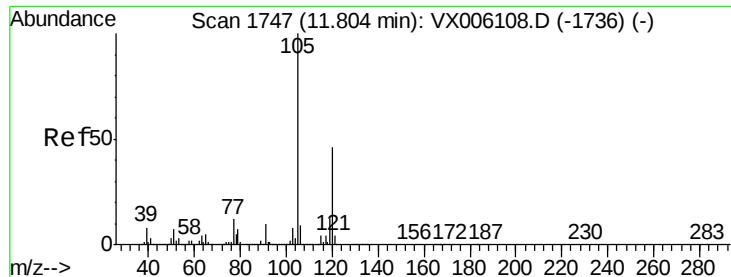
Ion Ratio Lower Upper

119 100

91 53.9 28.2 84.6

134 22.4 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 54.160 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

DTW-03MS

Tot Ion:105 Resp: 531728

Ion Ratio Lower Upper

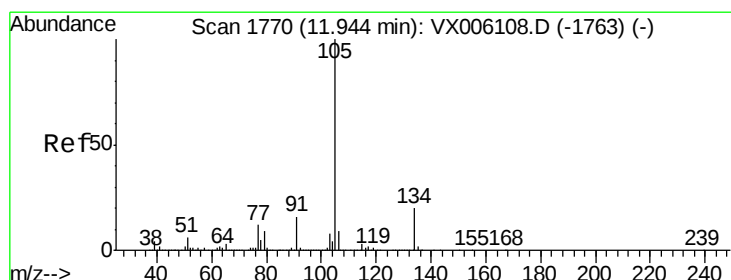
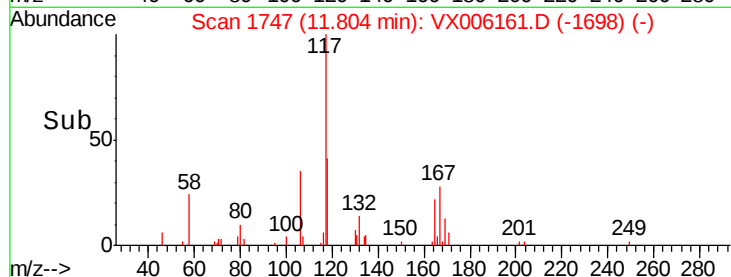
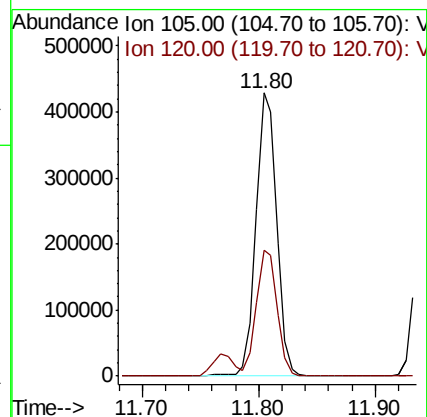
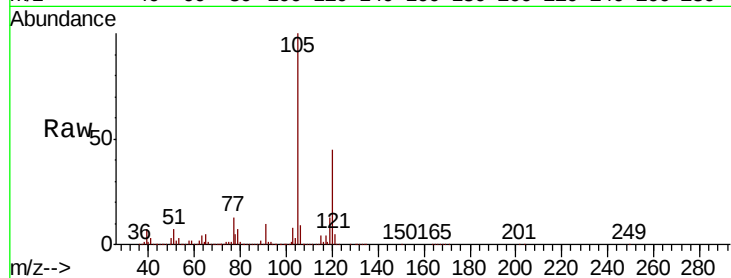
105 100

120 44.6 22.7 68.0

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#85

sec-Butylbenzene

Concen: 49.456 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006161.D

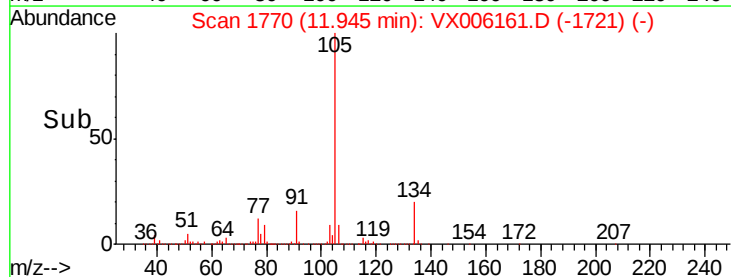
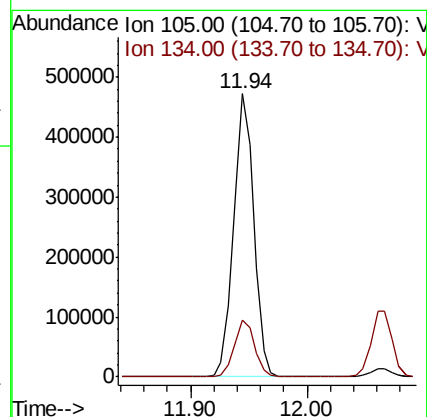
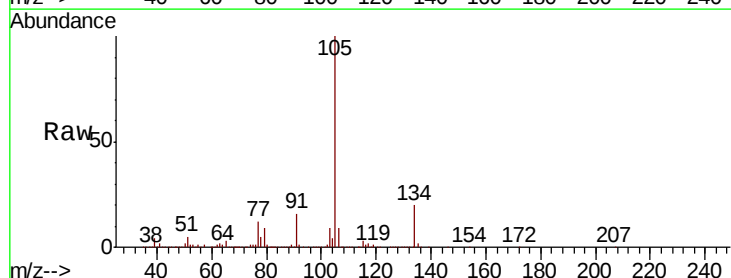
Acq: 22 Nov 2018 08:55

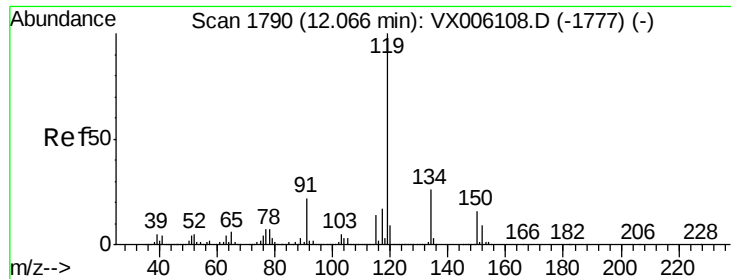
Tgt Ion:105 Resp: 568401

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1





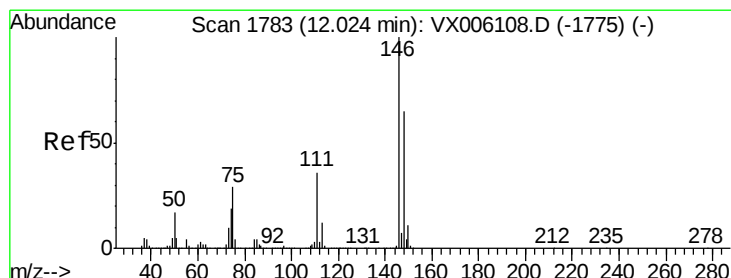
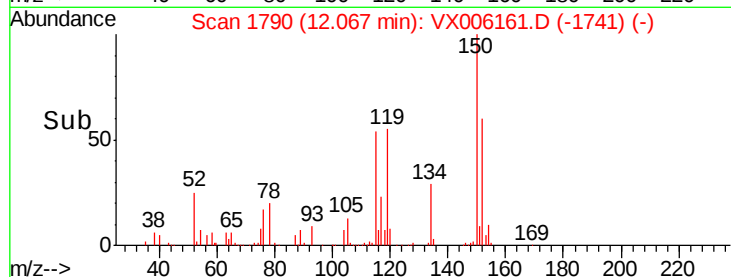
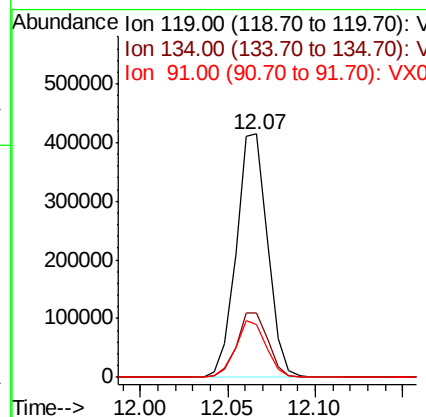
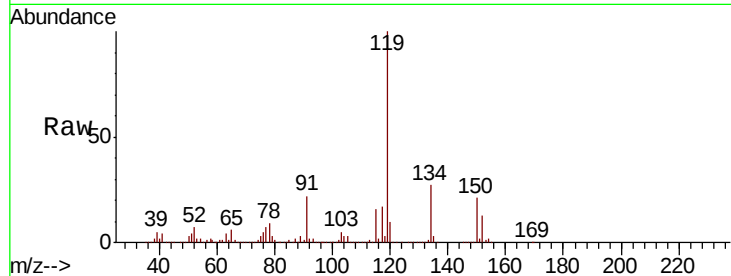
#86
 p-Isopropyltoluene
 Concen: 50.306 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleID :
 DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	515482		
134	26.7		13.1	39.3
91	22.7		11.3	33.9

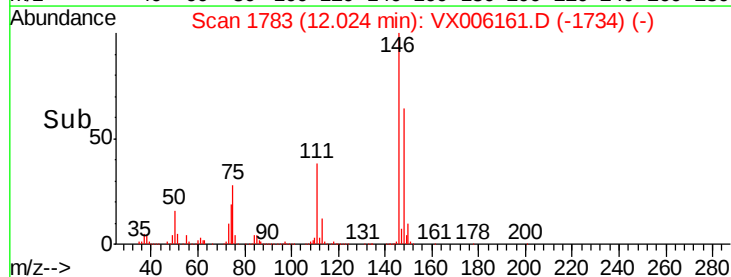
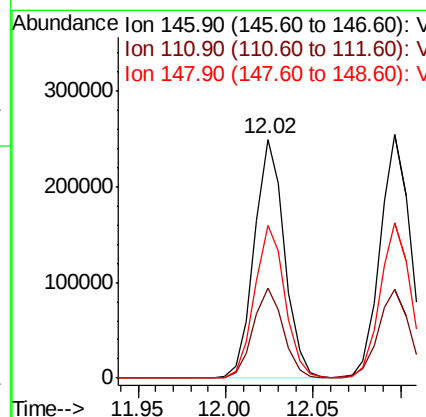
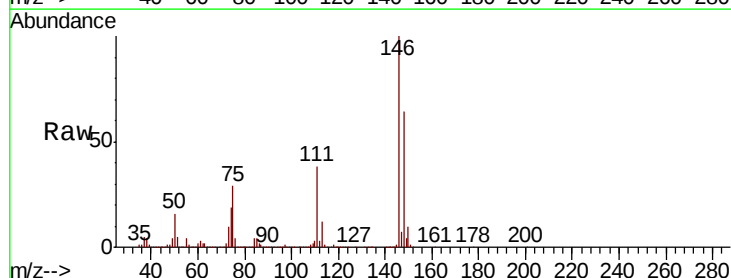
Manual Integrations
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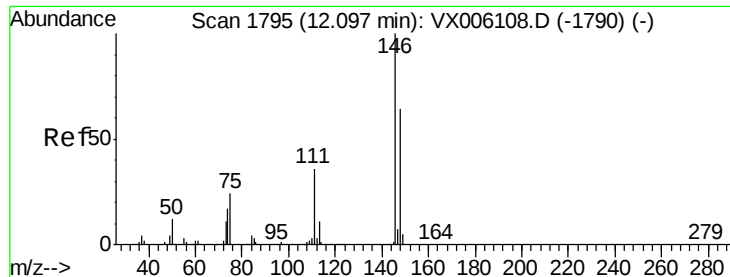
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#87
 1,3-Dichlorobenzene
 Concen: 50.701 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298952		
111	37.8		18.8	56.3
148	64.4		32.2	96.6





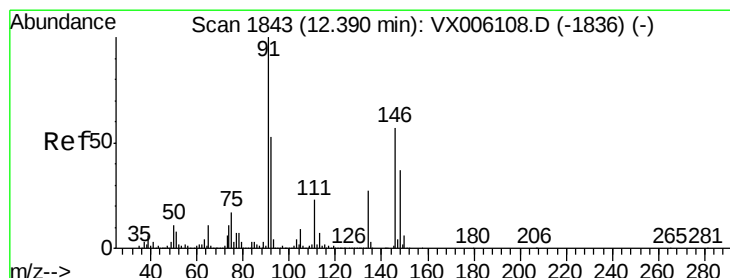
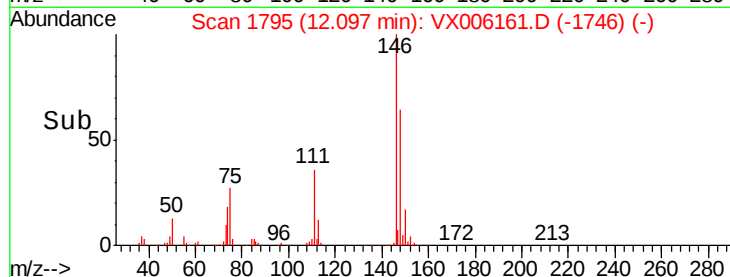
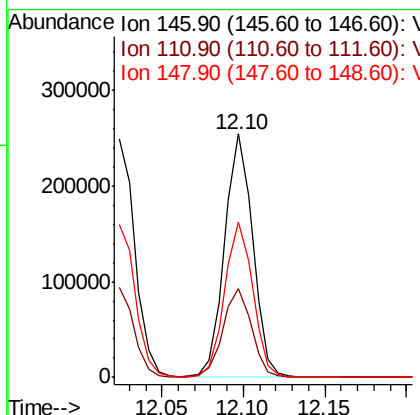
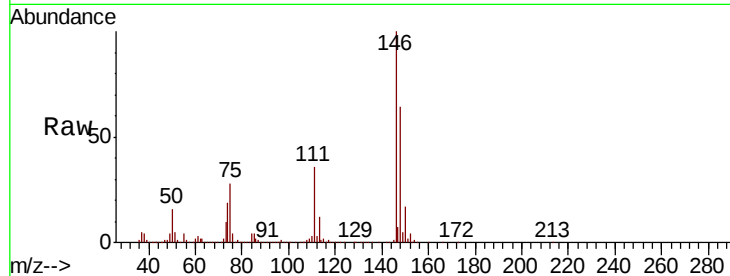
#88
 1,4-Dichlorobenzene
 Concen: 49.926 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	64.1	32.2	96.6

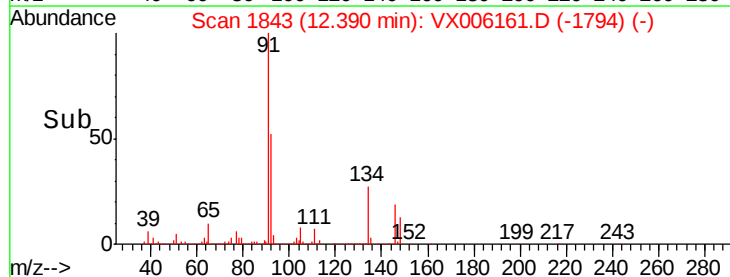
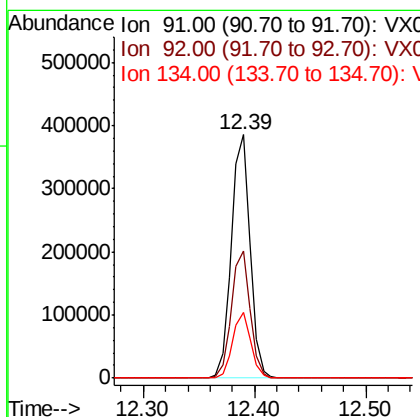
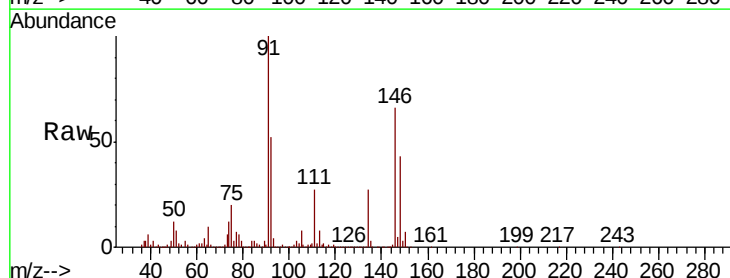
Manual Integrations
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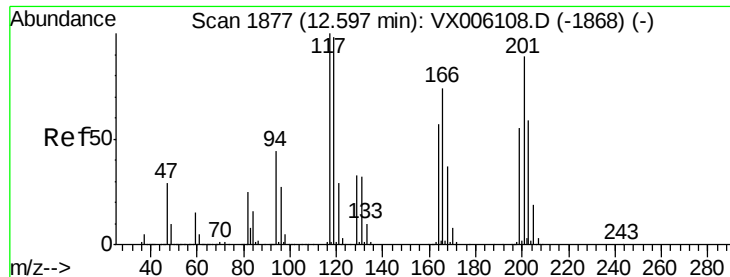
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#89
 n-Butylbenzene
 Concen: 48.205 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.6	79.7
134	26.2	13.1	39.3





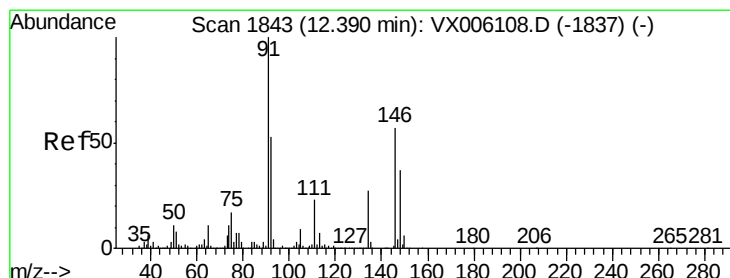
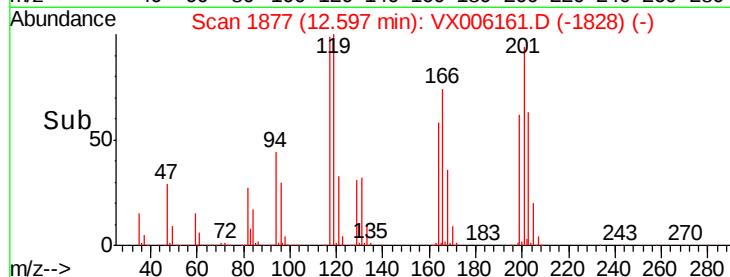
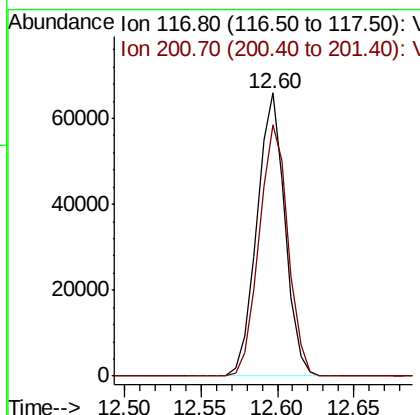
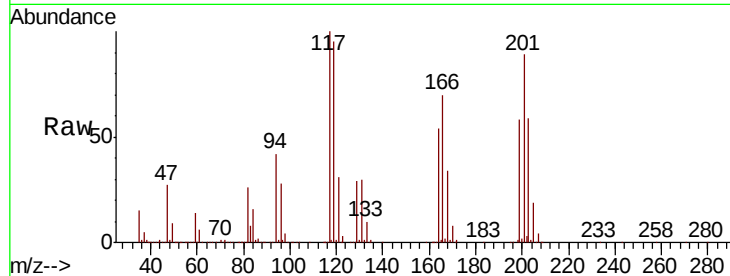
#90
Hexachloroethane
Concen: 51.516 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
DTW-03MS

Tot Ion:117 Resp: 84239
Ion Ratio Lower Upper
117 100
201 91.7 46.1 138.2

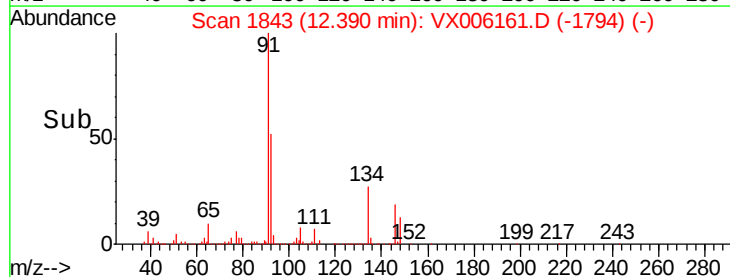
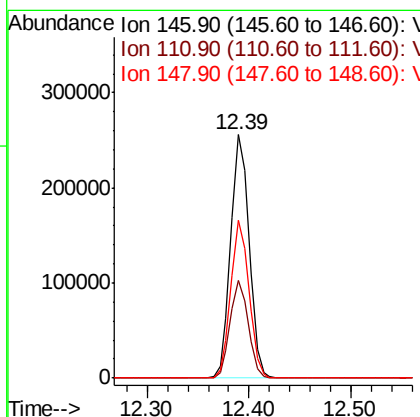
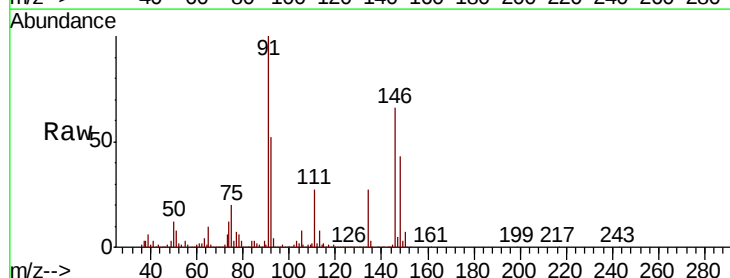
Manual Integrations
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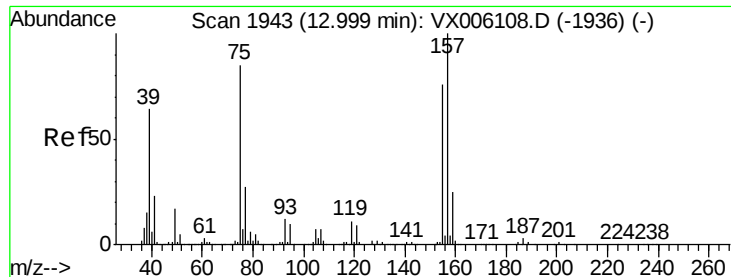
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#91
1,2-Dichlorobenzene
Concen: 52.766 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006161.D
Acq: 22 Nov 2018 08:55

Tgt Ion:146 Resp: 318087
Ion Ratio Lower Upper
146 100
111 39.5 19.6 58.8
148 64.1 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 61.289 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

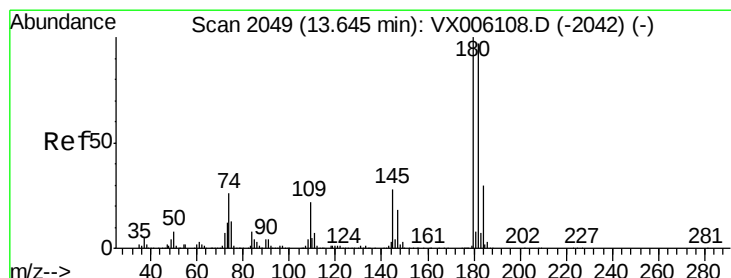
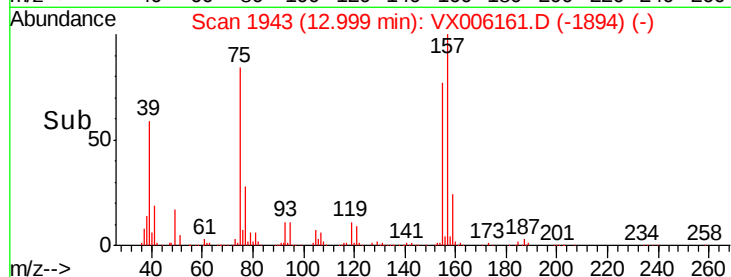
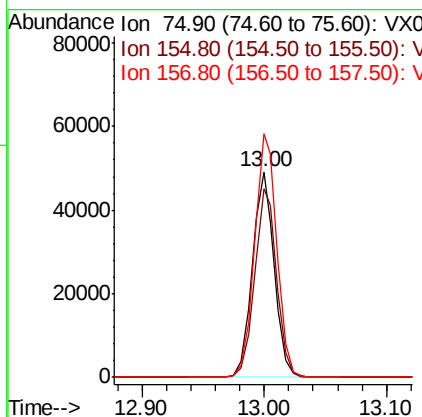
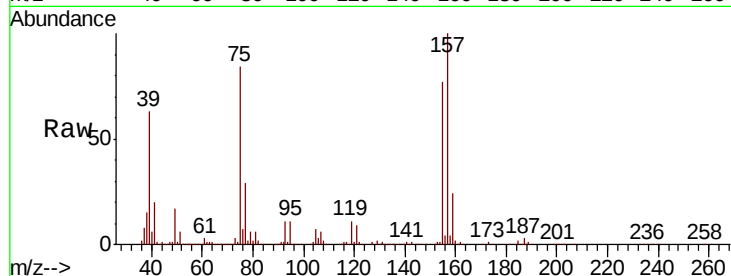
ClientSampleId :

DTW-03MS

Tot Ion:	75	Resp:	61182
Ion Ratio	Lower	Upper	
75	100		
155	92.3	46.1	138.3
157	121.3	59.8	179.3

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#93

1,2,4-Trichlorobenzene

Concen: 53.445 ug/l

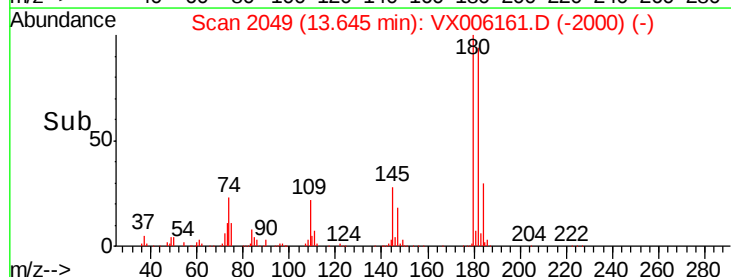
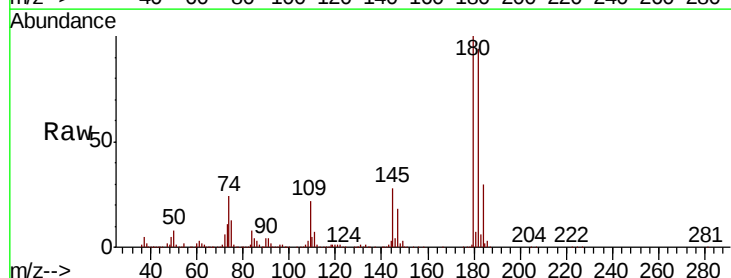
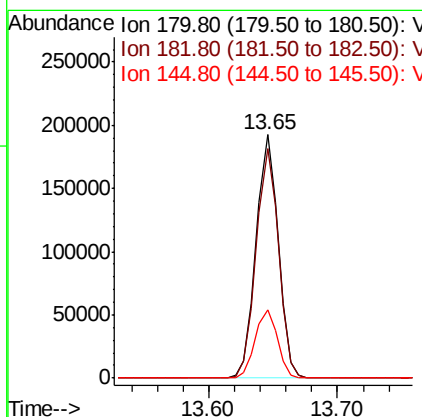
RT: 13.65 min Scan# 2049

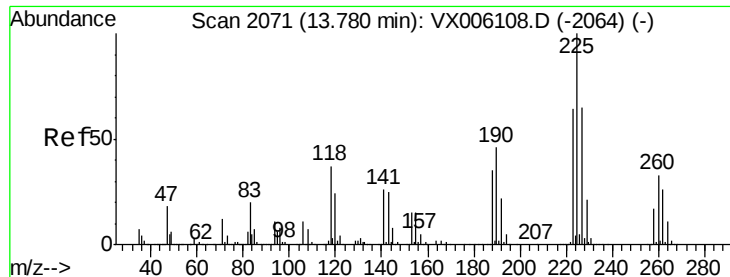
Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Tgt Ion:	180	Resp:	226962
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.2	144.6
145	28.2	14.1	42.2





#94

Hexachlorobutadiene

Concen: 46.447 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

Instrument :

MSVOA_X

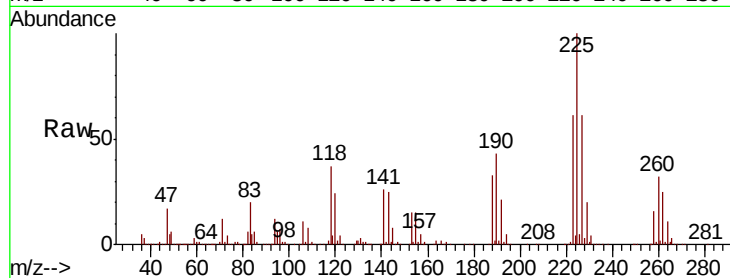
ClientSampled :

DTW-03MS

Tot Ion:	225	Resp:	96129
Ion Ratio		Lower	Upper
225	100		
223	62.1	31.2	93.6
227	63.2	32.4	97.2

Manual Integrations
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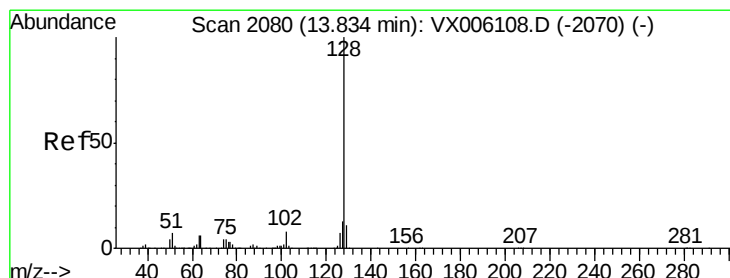
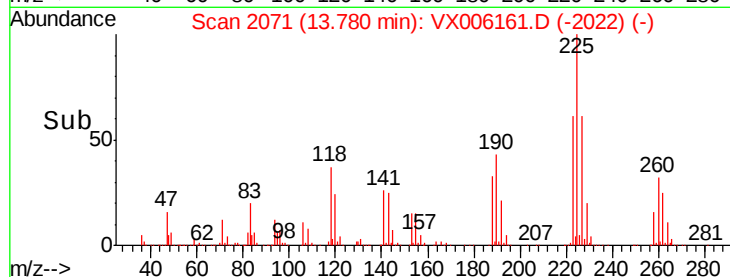
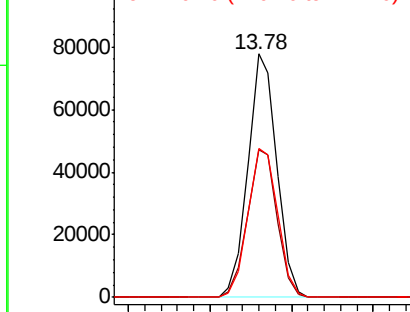


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 93.670 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006161.D

Acq: 22 Nov 2018 08:55

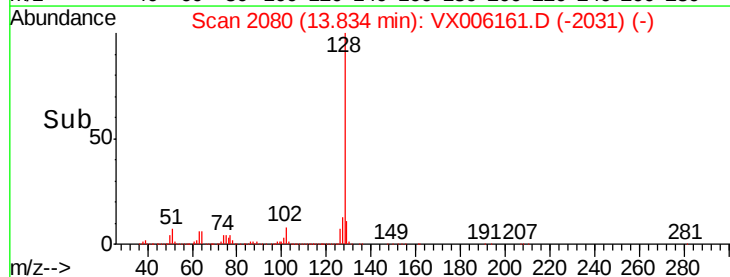
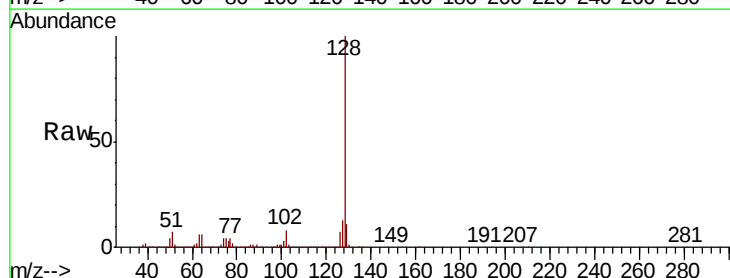
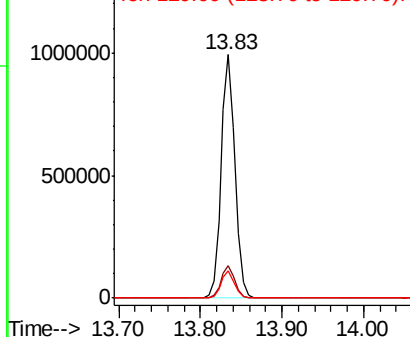
Tgt Ion:	128	Resp:	1169689
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2

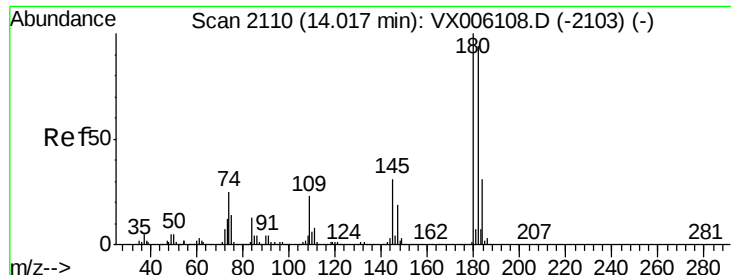
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 55.132 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX006161.D
 Acq: 22 Nov 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 DTW-03MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	238687		
182	96.5		47.5	142.5
145	29.7		15.0	45.0

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:30 AM

