

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004090.D
 Acq On : 15 Aug 2018 23:08
 Operator : JC/MD
 Sample : J4439-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:54 PM

Quant Time: Aug 16 07:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208164	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.50	113	171820	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	8.72	98	666727	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	244901	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	139698	48.92	ug/l	100
3) Chloromethane	1.32	50	163679	46.71	ug/l	99
4) Vinyl Chloride	1.40	62	182648	48.17	ug/l	98
5) Bromomethane	1.64	94	102448	53.33	ug/l	99
6) Chloroethane	1.72	64	126592	50.79	ug/l	99
7) Trichlorofluoromethane	1.93	101	256516	48.23	ug/l	99
8) Diethyl Ether	2.18	74	113101	48.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157432	47.45	ug/l	100
10) Methyl Iodide	2.51	142	169899	48.15	ug/l	99
11) Tert butyl alcohol	3.05	59	222141	266.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	149579	48.47	ug/l	100
13) Acrolein	2.29	56	119953	214.06	ug/l	99
14) Allyl chloride	2.73	41	275712	46.95	ug/l	97
15) Acrylonitrile	3.14	53	526143	253.53	ug/l	99
16) Acetone	2.44	43	542506	252.45	ug/l	99
17) Carbon Disulfide	2.57	76	416381	47.57	ug/l	98
18) Methyl Acetate	2.77	43	228986	47.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	526930	48.46	ug/l	99
20) Methylene Chloride	2.86	84	177297	50.48	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	166156	47.41	ug/l	98
22) Diisopropyl ether	3.87	45	590441	51.31	ug/l	98
23) Vinyl Acetate	3.82	43	2327572	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	330200	50.66	ug/l	100
25) 2-Butanone	4.70	43	878218	251.16	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171722	33.14	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	188589	47.85	ug/l	96
28) Bromochloromethane	5.02	49	150644	50.38	ug/l	99
29) Tetrahydrofuran	5.15	42	453593	253.91	ug/l	100
30) Chloroform	5.21	83	323940	50.93	ug/l	98
31) Cyclohexane	5.57	56	268951	47.07	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	268417	50.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237536	47.42	ug/l	100
37) Ethyl Acetate	4.86	43	249520	45.74	ug/l	99
38) Carbon Tetrachloride	5.78	117	247892	50.94	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271067	47.70	ug/l	97
40) Benzene	6.14	78	736079	48.94	ug/l	99
41) Methacrylonitrile	5.06	41	146394	47.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	254686	48.37	ug/l	100
43) Isopropyl Acetate	6.46	43	381414	47.44	ug/l	100
44) Trichloroethene	7.21	130	218808	53.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	189322	49.17	ug/l	99
46) Dibromomethane	7.67	93	123989	49.27	ug/l	99
47) Bromodichloromethane	7.90	83	238973	50.14	ug/l	99
48) Methyl methacrylate	7.78	41	214015	52.88	ug/l	99
49) 1,4-Dioxane	7.76	88	98905	1085.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1761509	267.19	ug/l	100
52) Toluene	8.79	92	475235	49.96	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254923	49.52	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	268796	47.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	191695	48.80	ug/l	99
56) Ethyl methacrylate	9.18	69	282402	52.87	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321601	49.34	ug/l	100
59) 2-Hexanone	9.50	43	1363532	274.81	ug/l	100
60) Dibromochloromethane	9.59	129	193969	51.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	201946	50.43	ug/l	99
64) Tetrachloroethene	9.34	164	197210	49.65	ug/l	94
65) Chlorobenzene	10.14	112	527800	48.75	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	189095	51.21	ug/l	98
67) Ethyl Benzene	10.25	91	885548	51.66	ug/l	97
68) m/p-Xylenes	10.36	106	710827	105.89	ug/l	94
69) o-Xylene	10.70	106	338892	52.83	ug/l	96
70) Styrene	10.71	104	577333	53.47	ug/l	98
71) Bromoform	10.86	173	149817	51.17	ug/l	99
73) Isopropylbenzene	11.02	105	904884	51.85	ug/l	97
74) N-amyl acetate	6.46	43	381414	46.47	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	305605	50.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	269637m	52.14	ug/l	
77) Bromobenzene	11.26	156	237899	49.45	ug/l	99
78) n-propylbenzene	11.36	91	1036603	53.08	ug/l	100
79) 2-Chlorotoluene	11.42	91	614471	51.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	757148	52.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80221	48.02	ug/l	99
82) 4-Chlorotoluene	11.51	91	721512	51.28	ug/l	99
83) tert-Butylbenzene	11.77	119	755604	52.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	776797	52.49	ug/l	99
85) sec-Butylbenzene	11.95	105	885290	52.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	795993	52.14	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443175	48.30	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	438545	46.44	ug/l	99
89) n-Butylbenzene	12.39	91	591665	49.18	ug/l	99
90) Hexachloroethane	12.60	117	112723	49.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	378335	45.72	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54962	51.31	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	275468	48.70	ug/l	96

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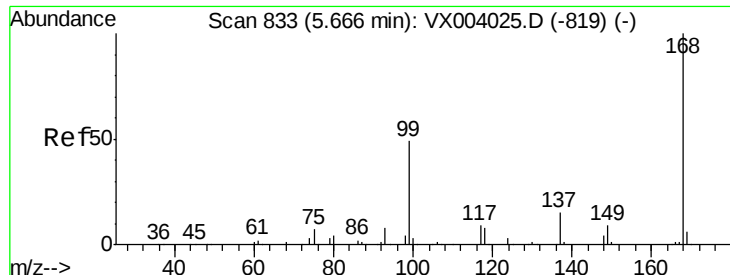
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	124557	43.93	ug/l	99
95) Naphthalene	13.83	128	947618	52.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	314901	51.05	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion:168 Resp: 293362

Ion Ratio Lower Upper

168 100

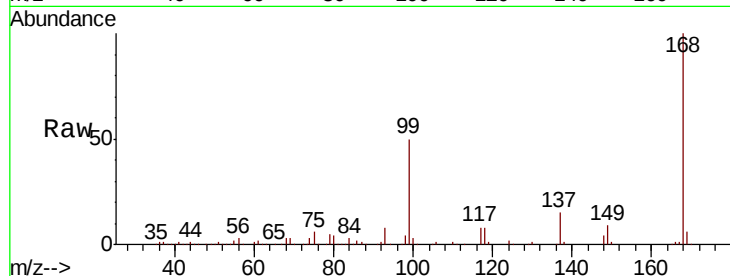
99 50.1 40.1 60.1

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

120000

100000

80000

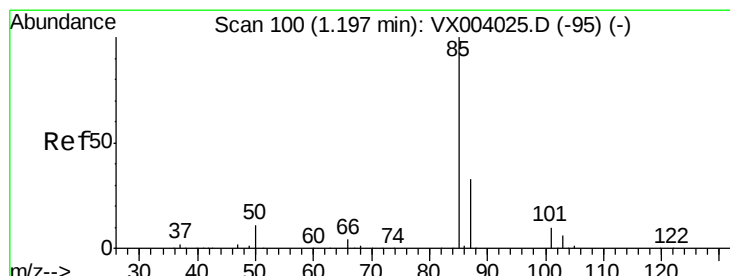
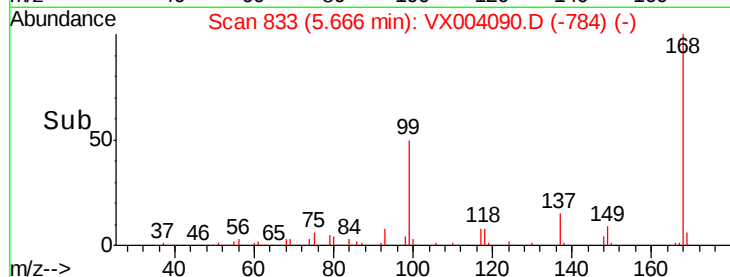
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.92 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004090.D

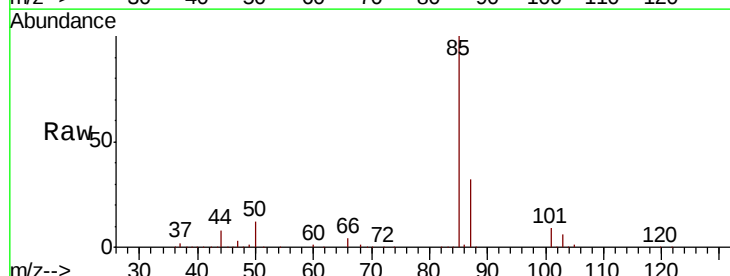
Acq: 15 Aug 2018 23:08

Tgt Ion: 85 Resp: 139698

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

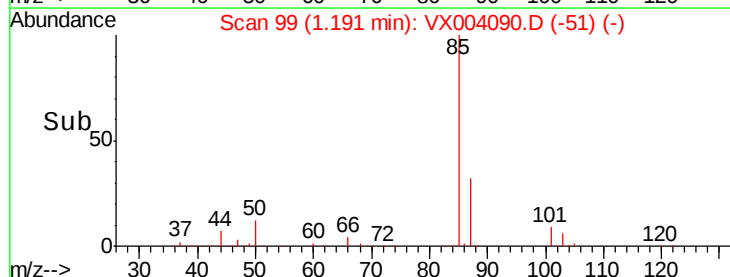
1.19

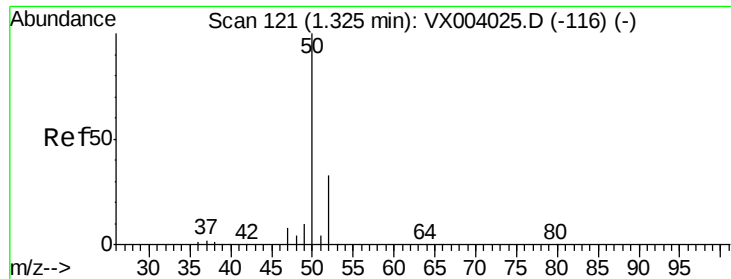
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 50 Resp: 163679

Ion Ratio Lower Upper

50 100

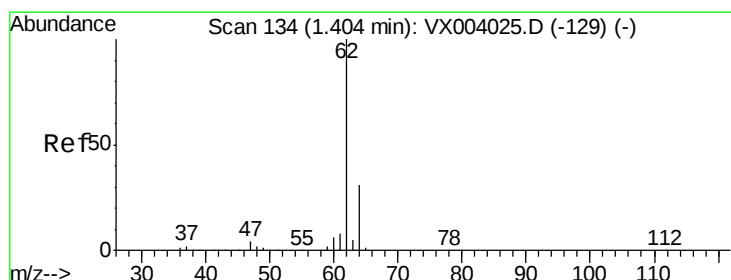
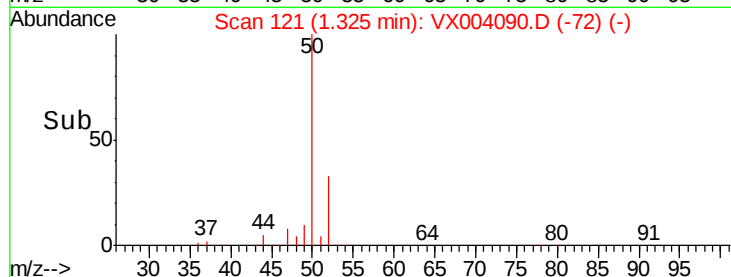
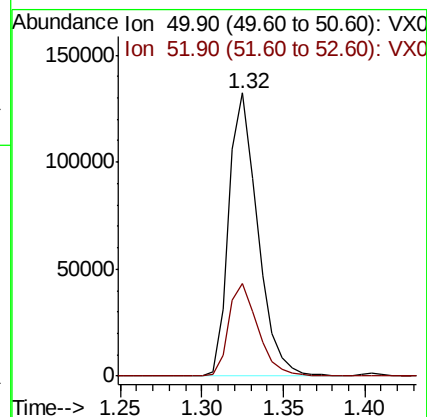
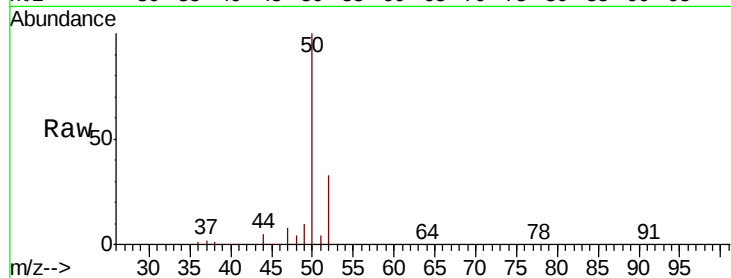
52 32.8 26.6 39.8

Manual Integrations

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8/16/2018 4:39:54 PM



#4

Vinyl Chloride

Concen: 48.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004090.D

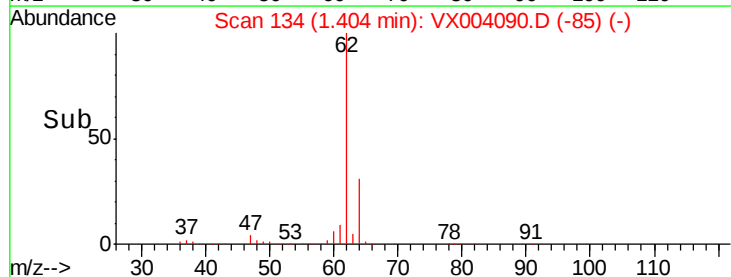
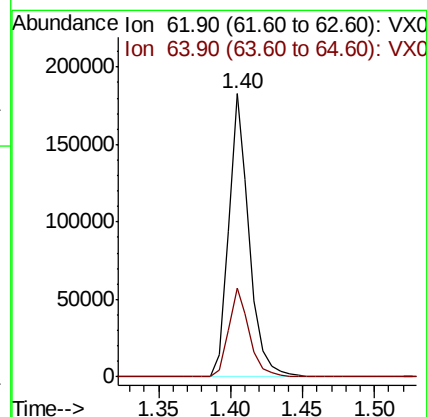
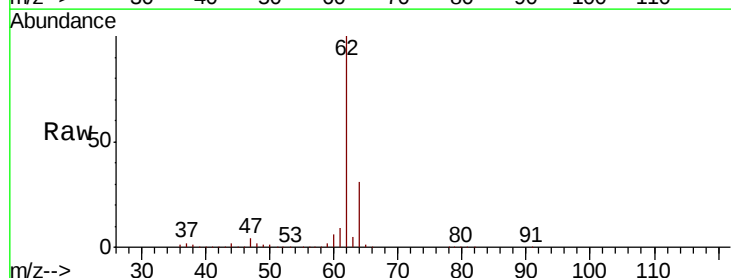
Acq: 15 Aug 2018 23:08

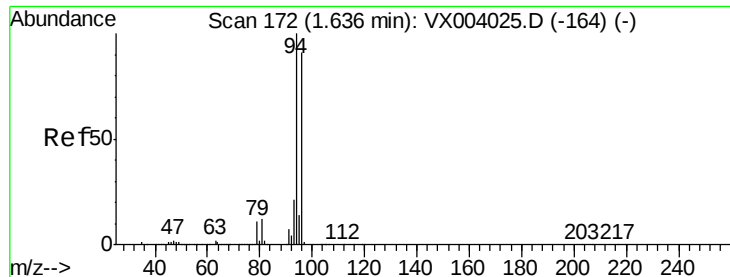
Tgt Ion: 62 Resp: 182648

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 53.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 94 Resp: 102448

Ion Ratio Lower Upper

94 100

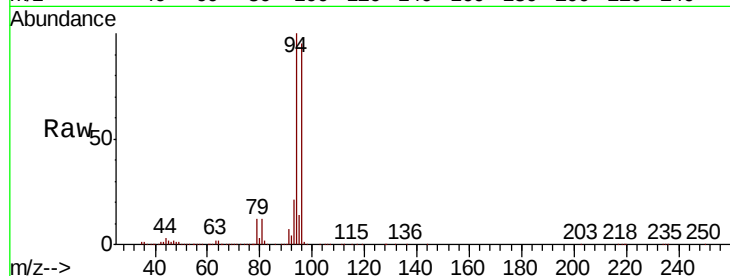
96 95.2 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

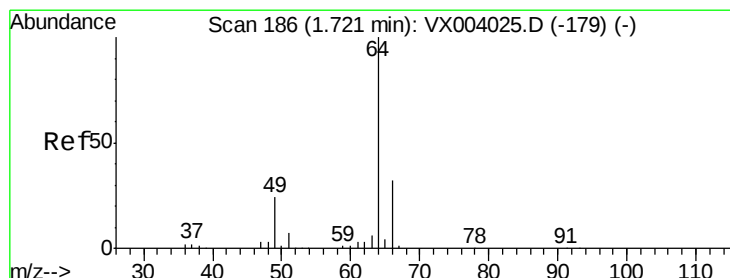
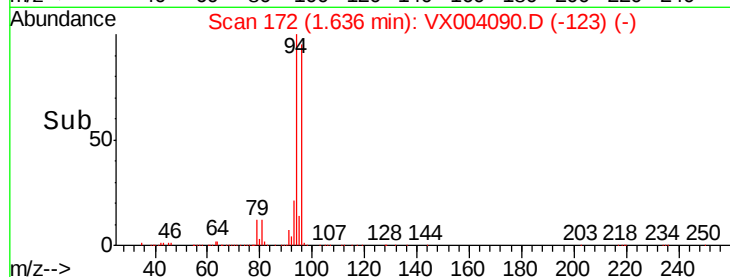
20000

0

1.64

1.50 1.60 1.70

Time-->



#6

Chloroethane

Concen: 50.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004090.D

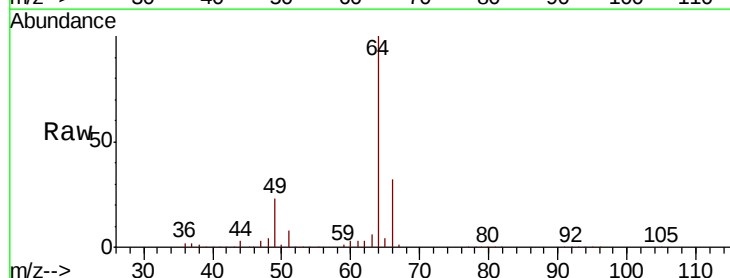
Acq: 15 Aug 2018 23:08

Tgt Ion: 64 Resp: 126592

Ion Ratio Lower Upper

64 100

66 32.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

40000

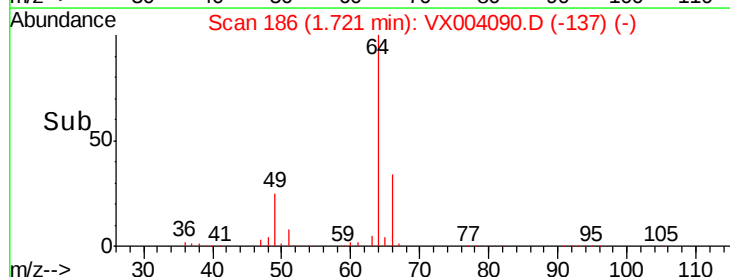
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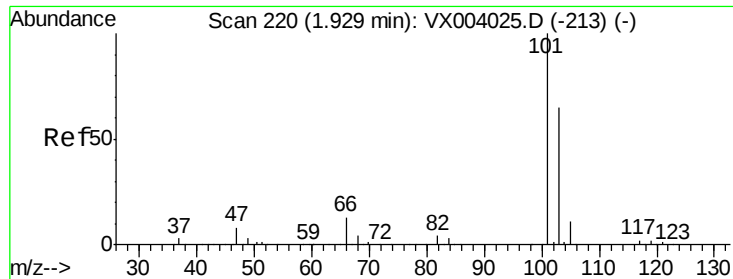
0

1.72

1.65 1.70 1.75 1.80 1.85

Time-->





#7

Trichlorofluoromethane

Concen: 48.23 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX004090.D

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Instrument :

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ClientSampleId :

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Tot Ion:101 Resp: 256516

Ion Ratio Lower Upper

101 100

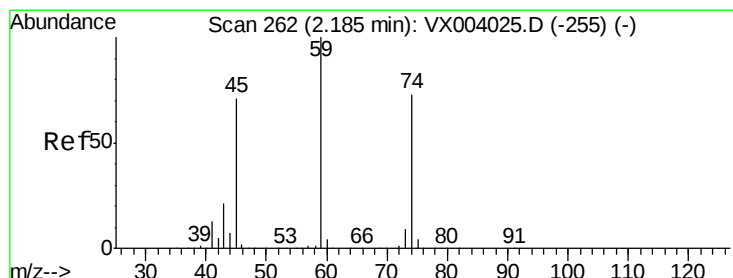
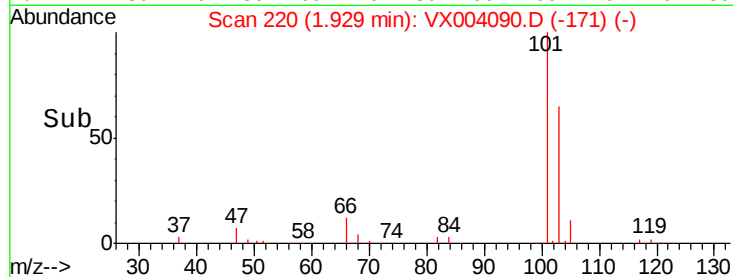
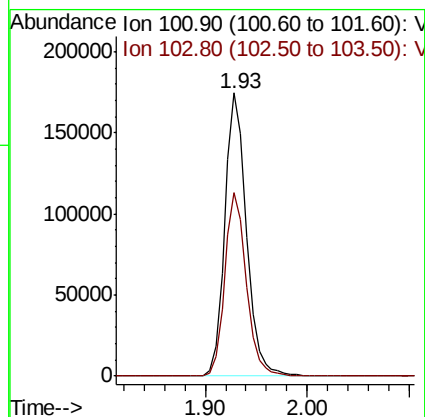
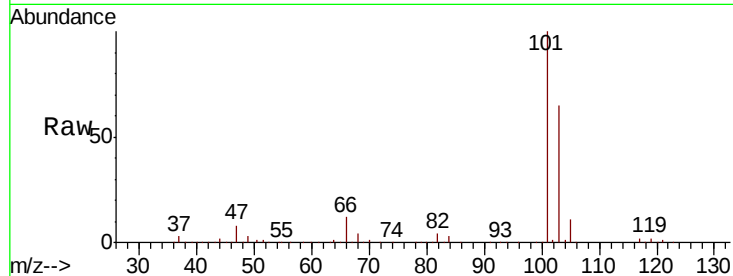
103 64.8 52.3 78.5

Manual Integrations

APPROVED

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8/16/2018 4:39:54 PM



#8

Diethyl Ether

Concen: 48.71 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004090.D

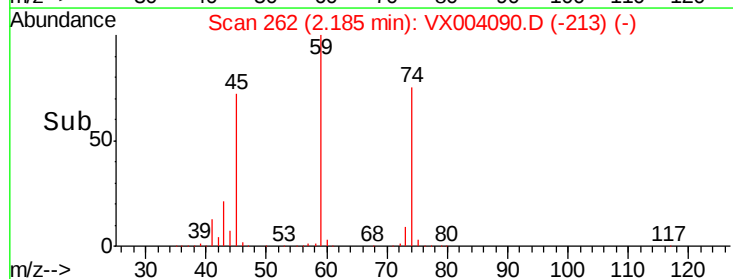
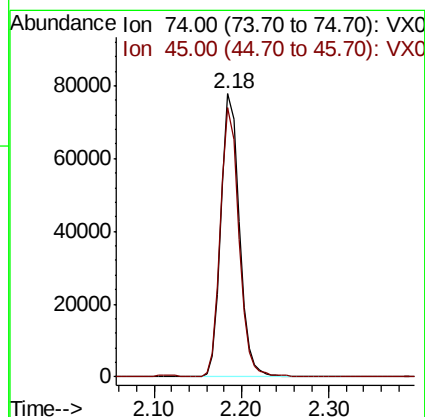
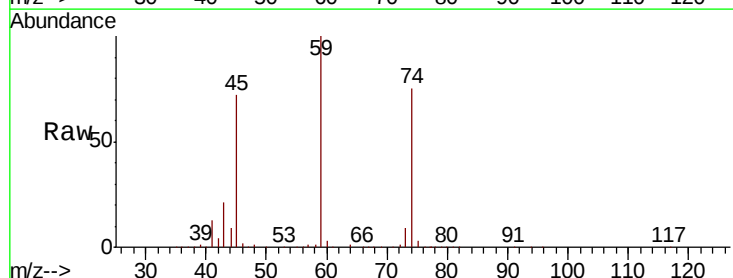
Acq: 15 Aug 2018 23:08

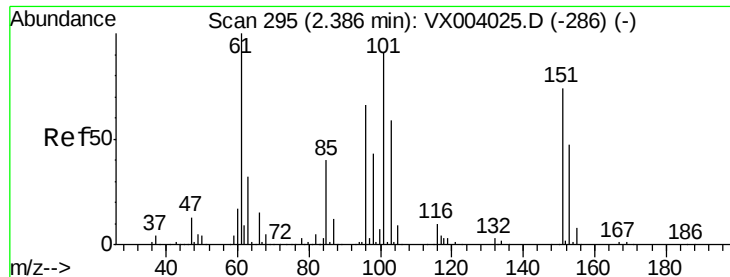
Tgt Ion: 74 Resp: 113101

Ion Ratio Lower Upper

74 100

45 95.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

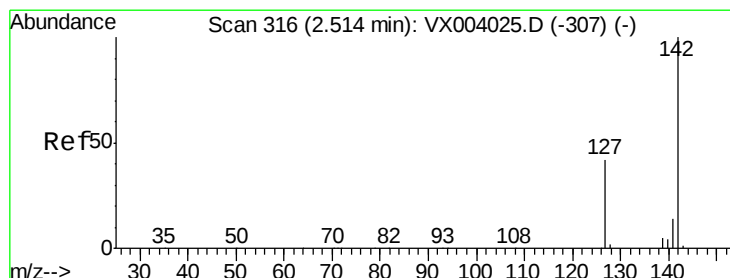
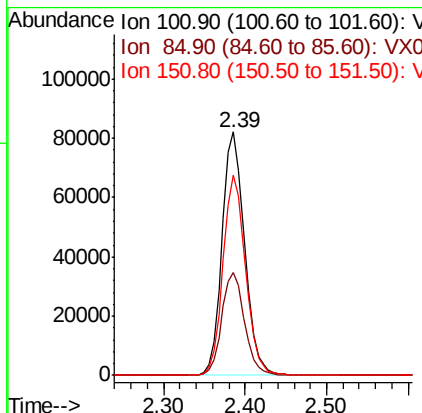
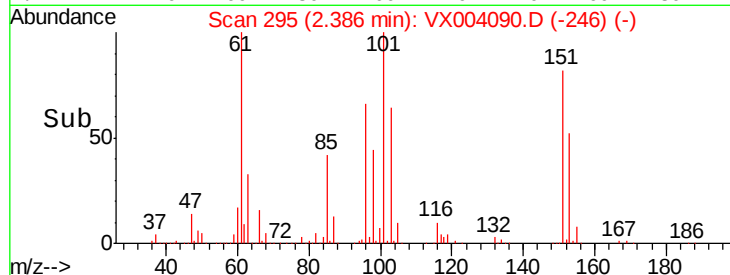
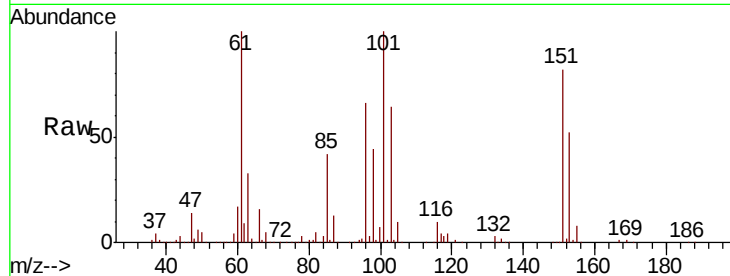
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	101	Resp:	157432
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	81.7	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 48.15 ug/l

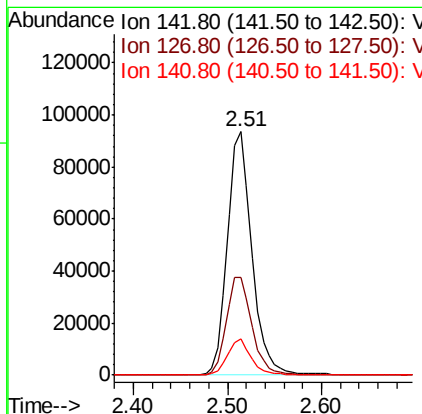
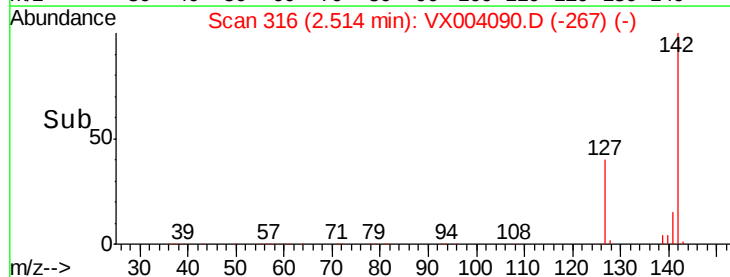
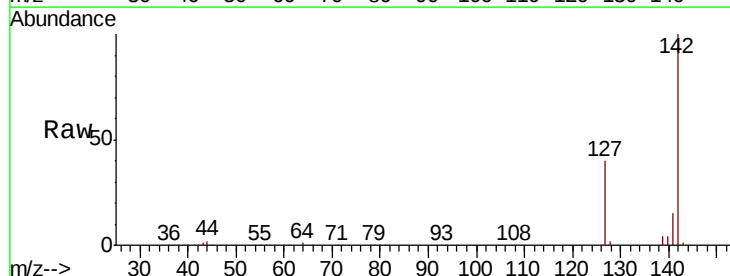
RT: 2.51 min Scan# 316

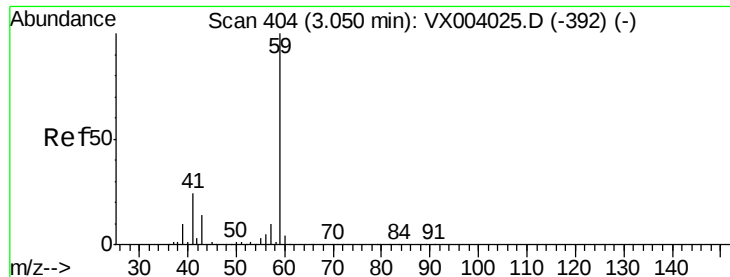
Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	142	Resp:	169899
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.1	49.7
141	14.4	11.1	16.7





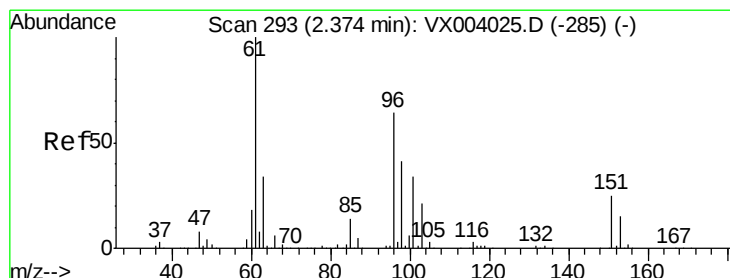
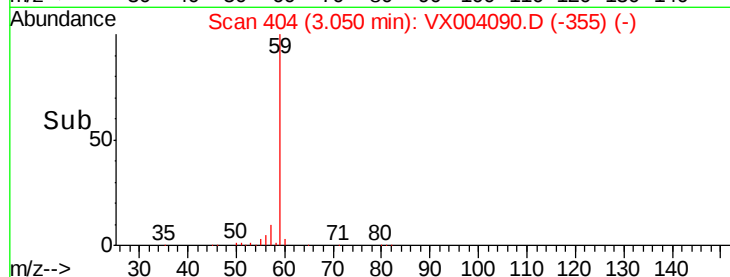
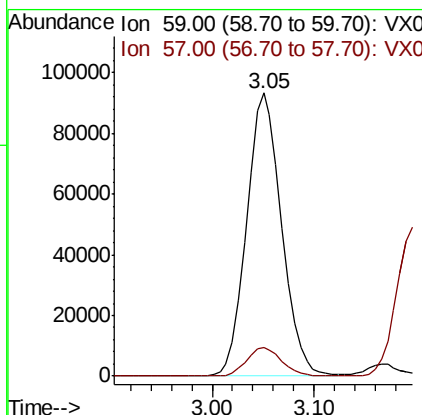
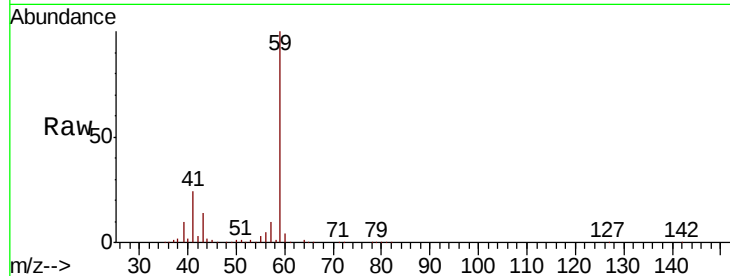
#11
Tert butyl alcohol
Concen: 266.88 ug/l
RT: 3.05 min Scan# 404
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

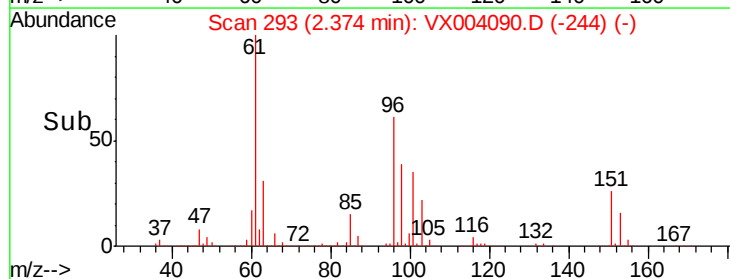
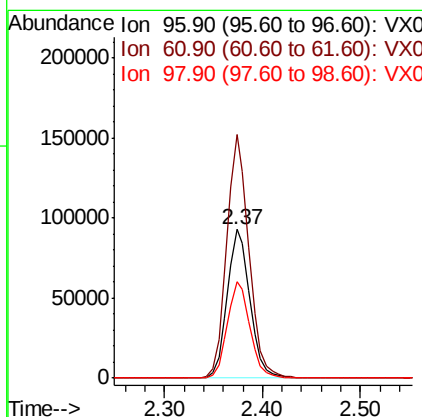
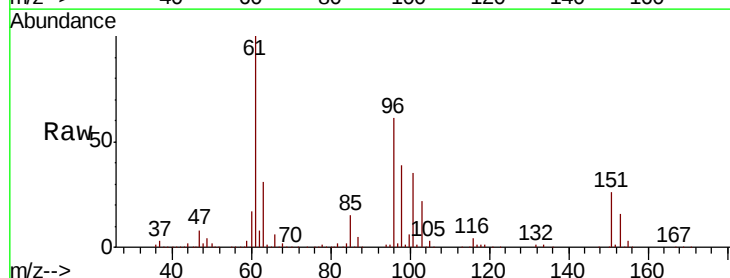
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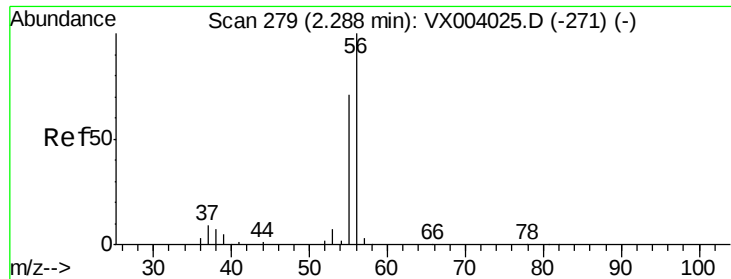
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#12
1,1-Dichloroethene
Concen: 48.47 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	131.3	196.9
98	64.6	51.8	77.6





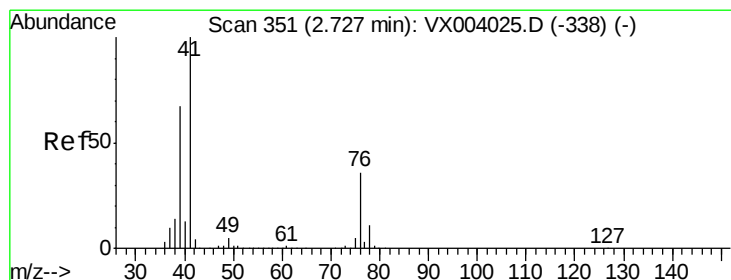
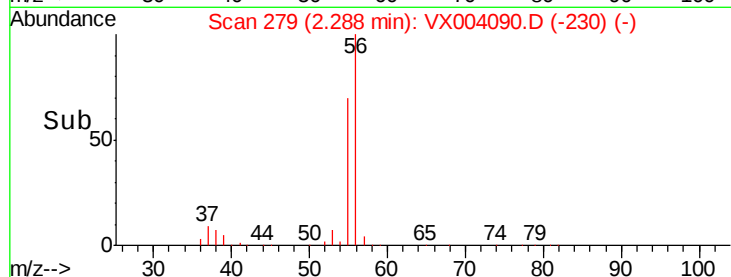
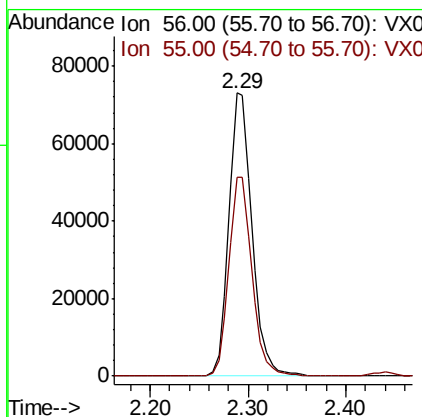
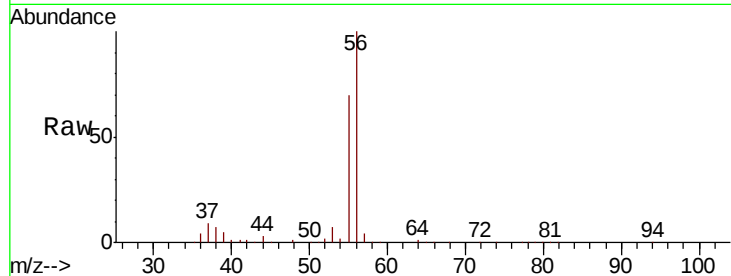
#13
Acrolein
Concen: 214.06 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.6	56.1	84.1	

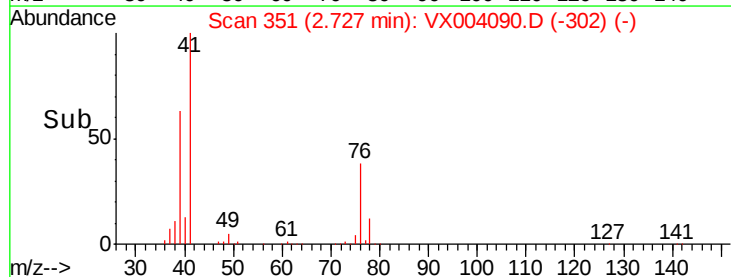
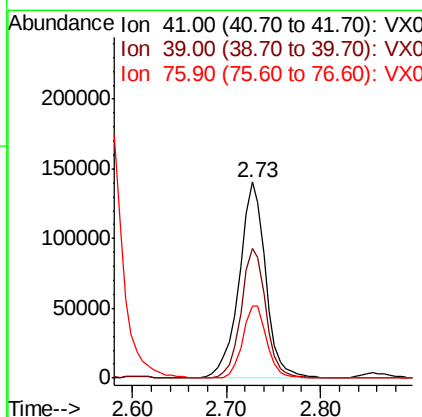
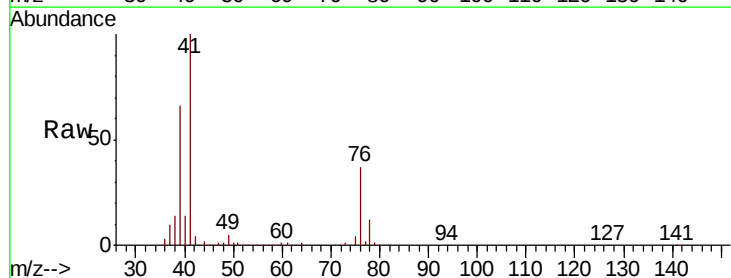
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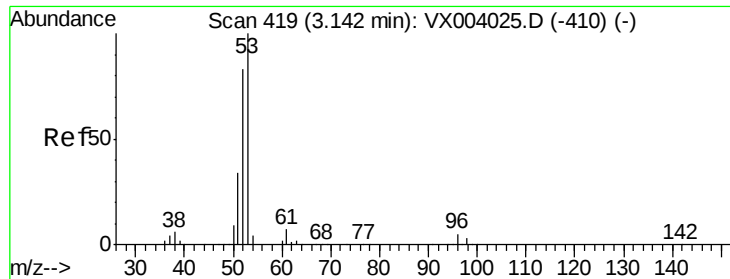
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#14
Allyl chloride
Concen: 46.95 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	61.9	47.4	71.0	
76	33.7	26.0	39.0	





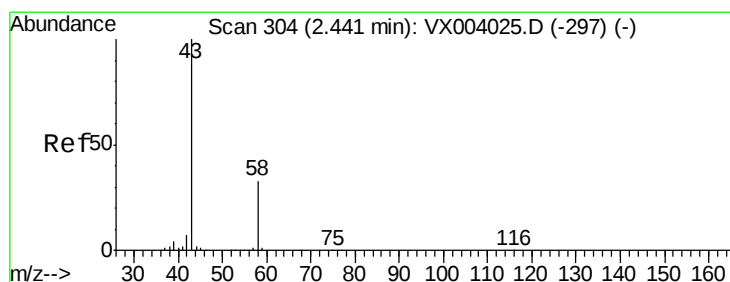
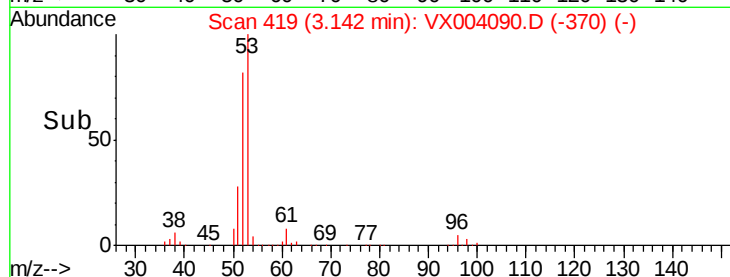
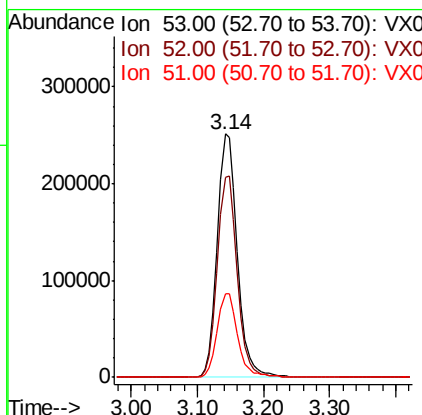
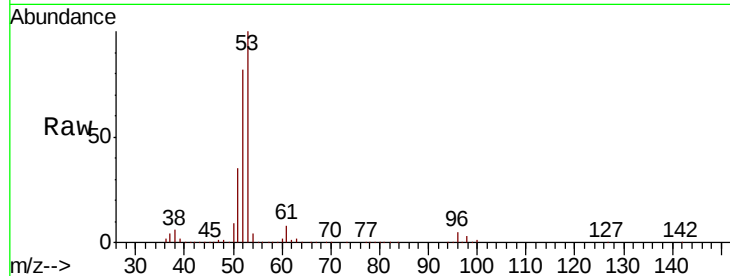
#15
 Acrylonitrile
 Concen: 253.53 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.3	97.9
51	35.2	27.9	41.9

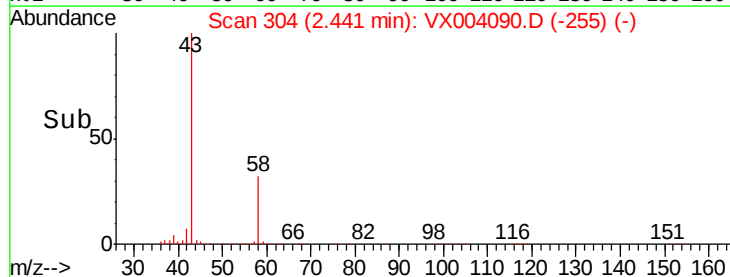
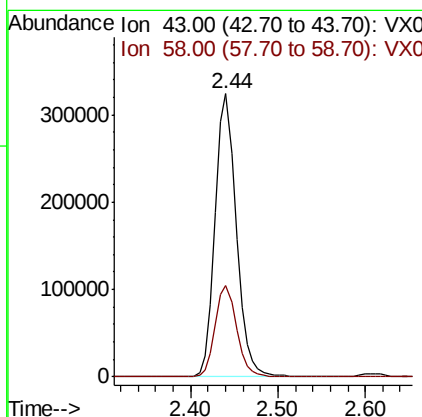
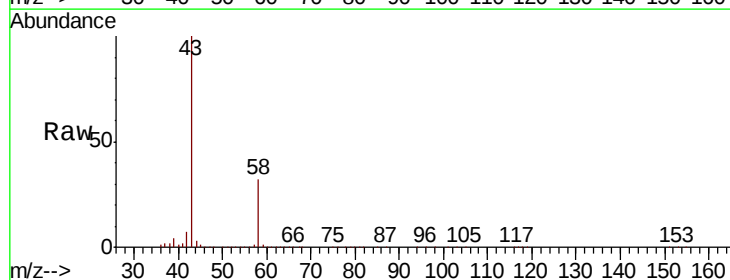
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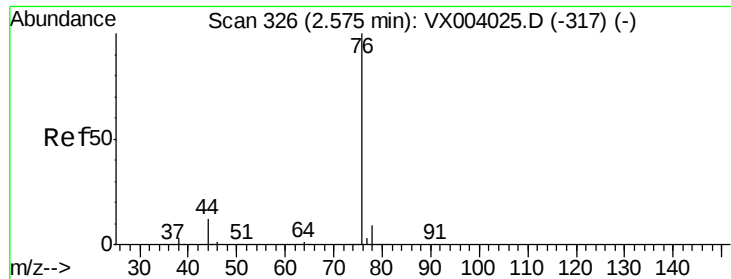
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#16
 Acetone
 Concen: 252.45 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.4	39.6





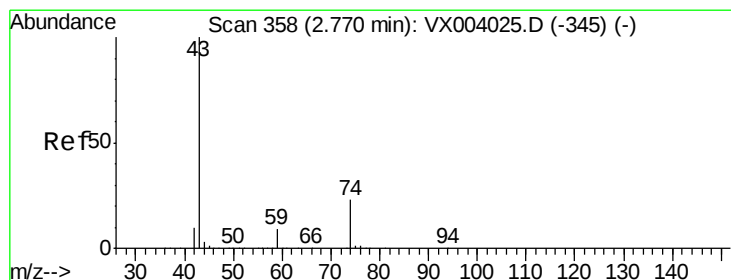
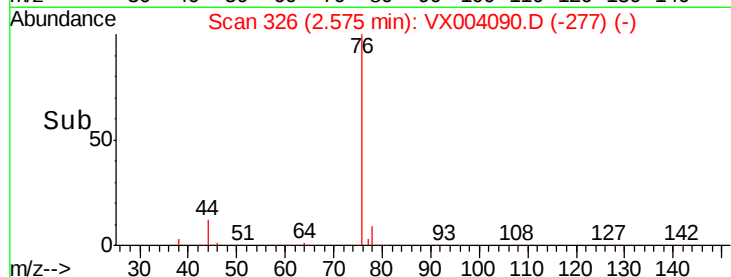
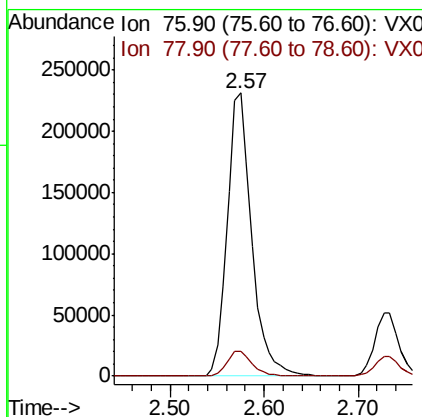
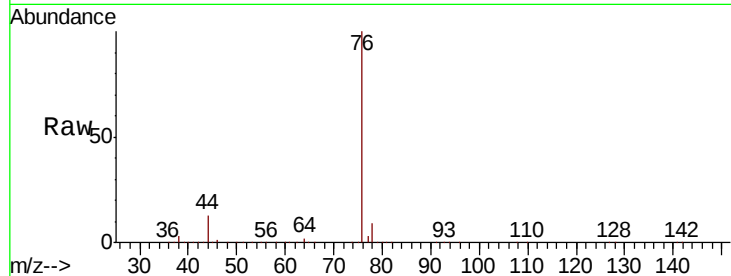
#17
Carbon Disulfide
Concen: 47.57 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

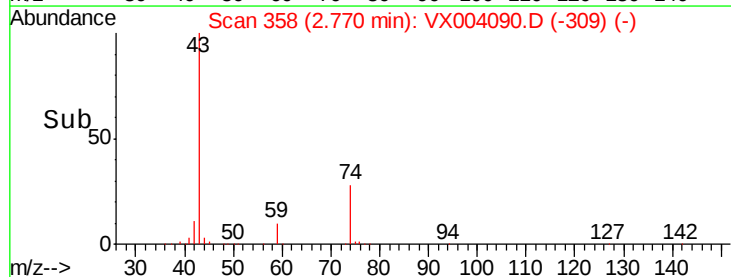
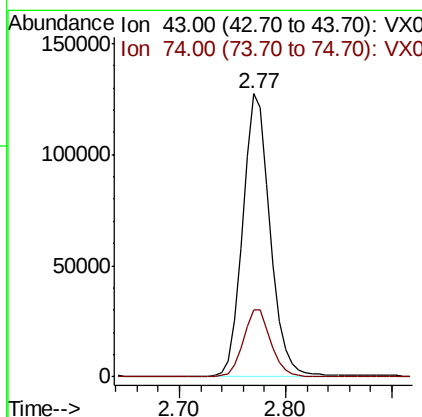
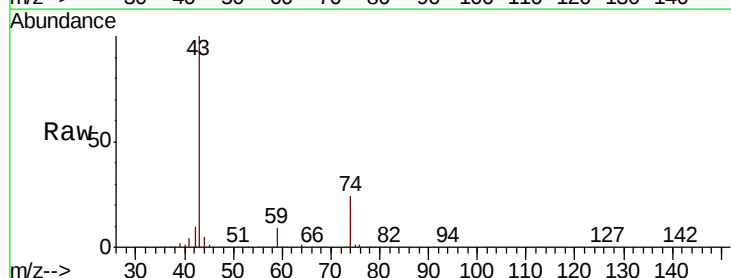
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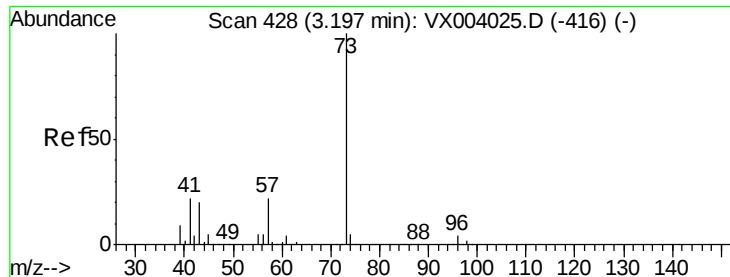
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#18
Methyl Acetate
Concen: 47.95 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.9	28.3





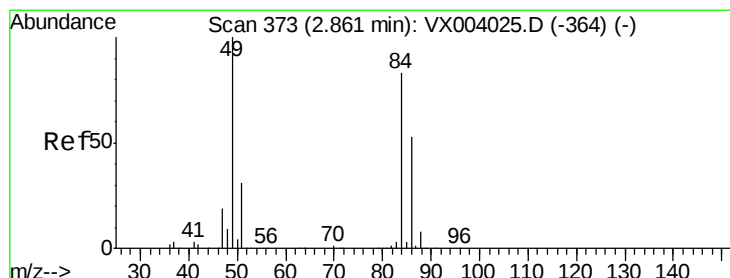
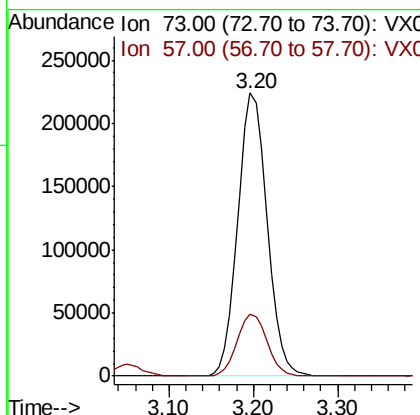
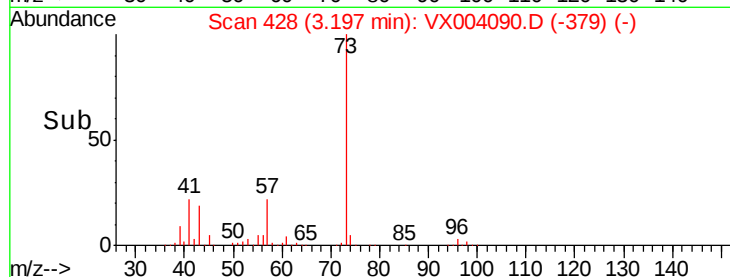
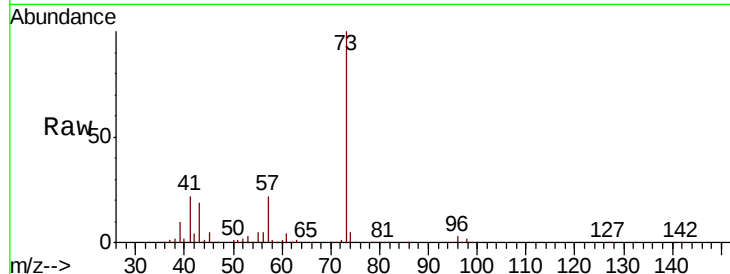
#19
Methyl tert-butyl Ether
Concen: 48.46 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

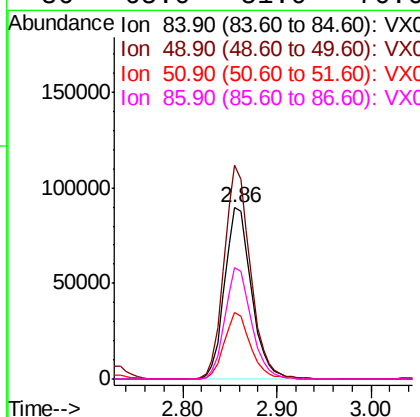
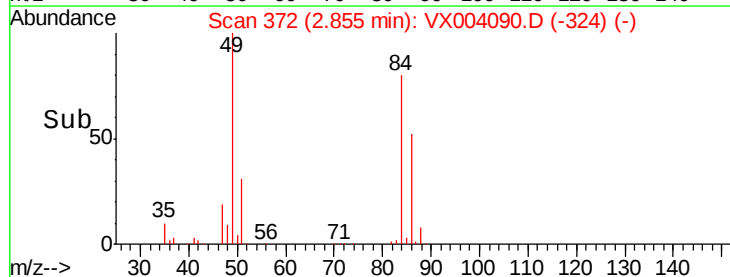
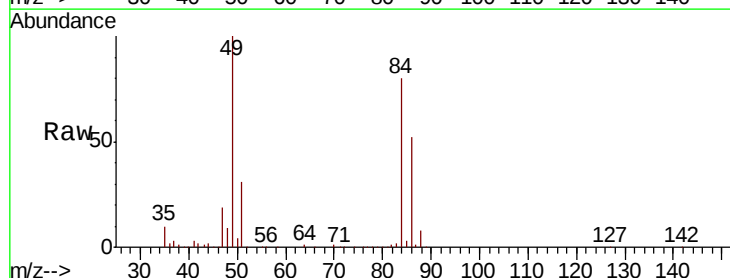
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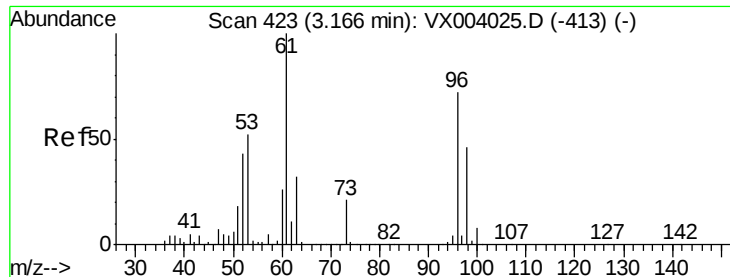
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#20
Methylene Chloride
Concen: 50.48 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	98.9	148.3
51	38.5	29.9	44.9
86	65.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 47.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 96 Resp: 166156

Ion Ratio Lower Upper

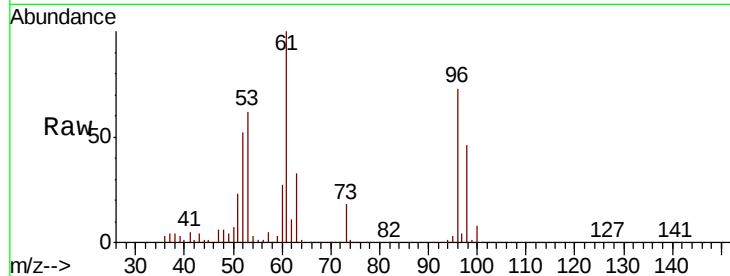
96 100

61 137.2 111.8 167.6

98 63.3 51.8 77.6

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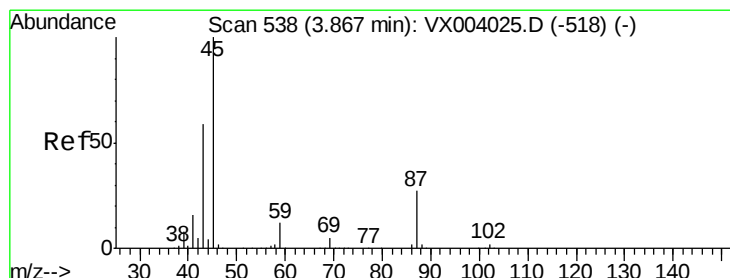
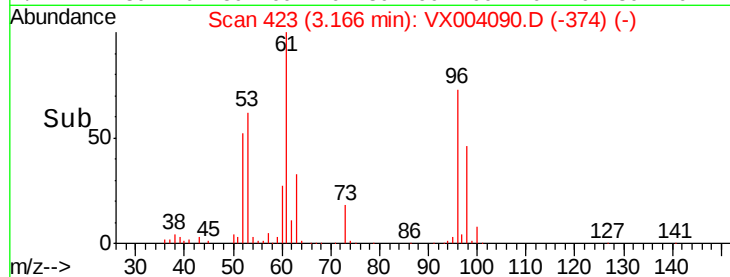
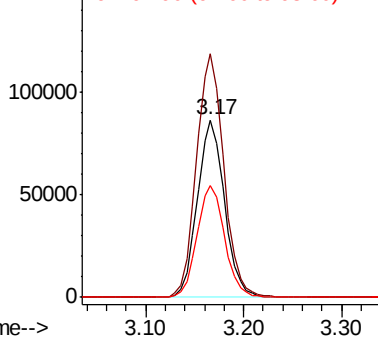


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.31 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion: 45 Resp: 590441

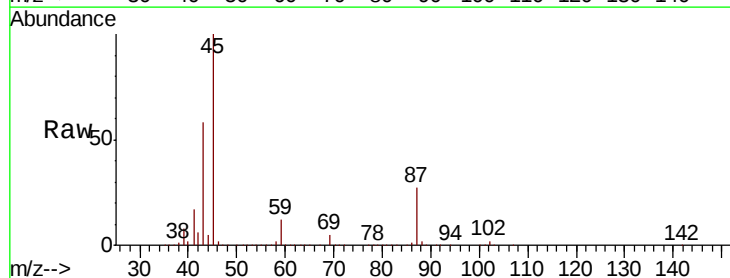
Ion Ratio Lower Upper

45 100

43 58.3 45.3 67.9

87 27.3 22.7 34.1

59 12.2 9.6 14.4



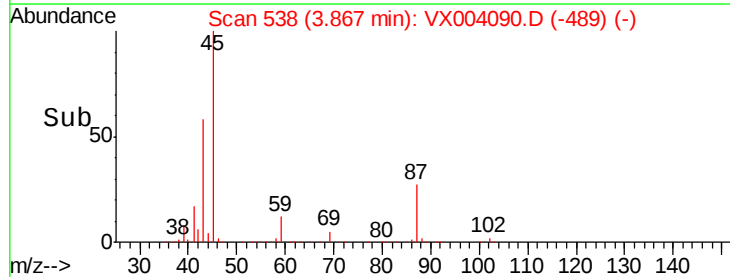
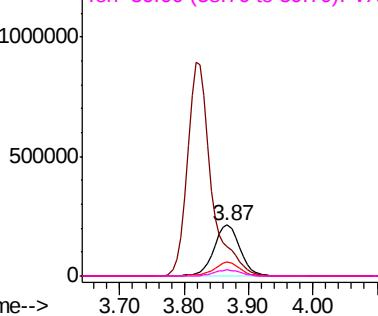
Abundance

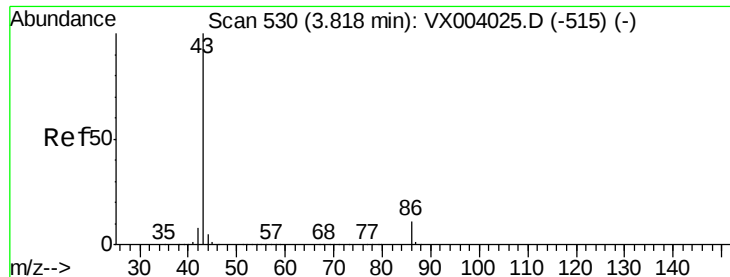
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





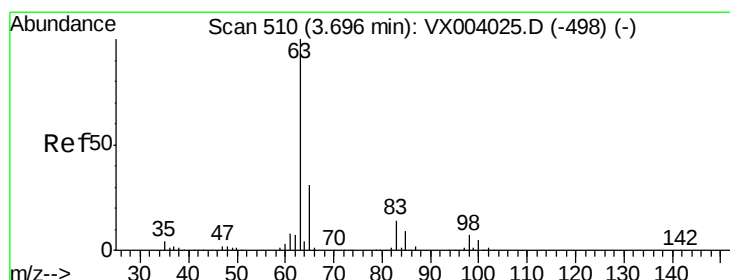
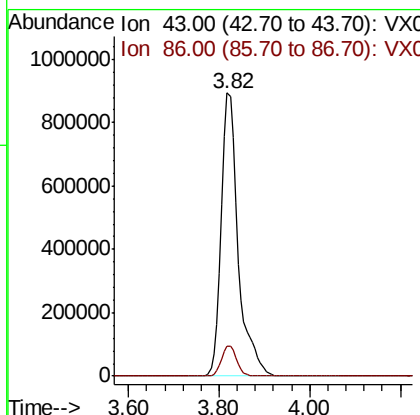
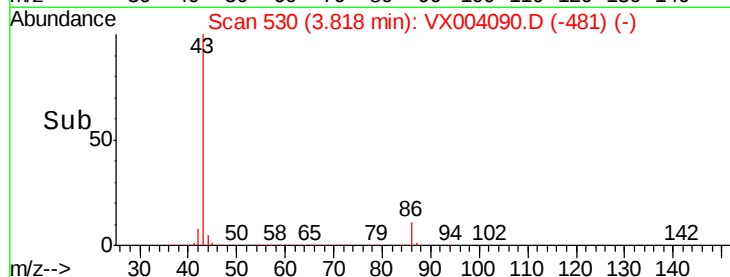
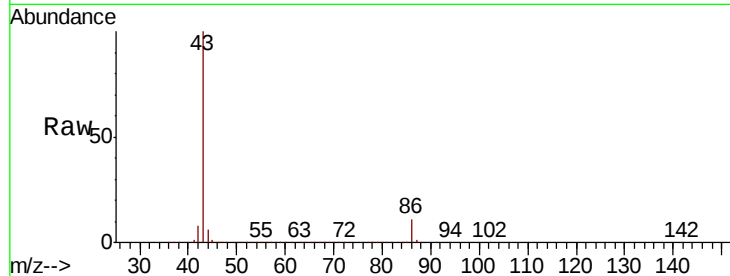
#23
 Vinyl Acetate
 Concen: 246.28 ug/l
 RT: 3.82 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion: 43 Resp: 2327572
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3

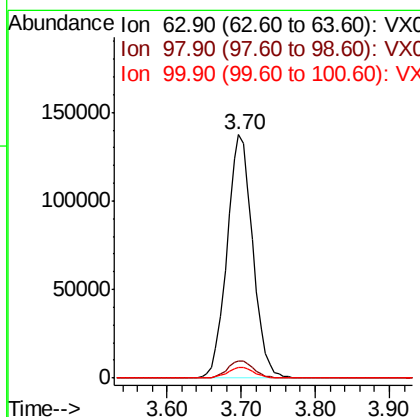
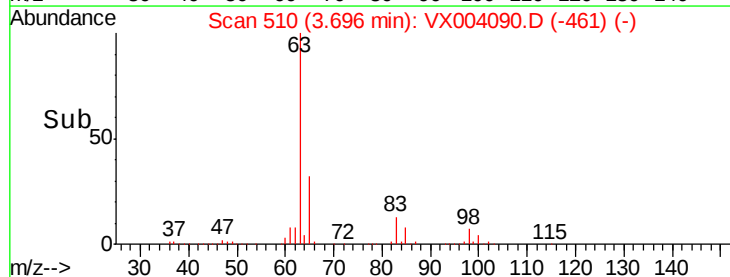
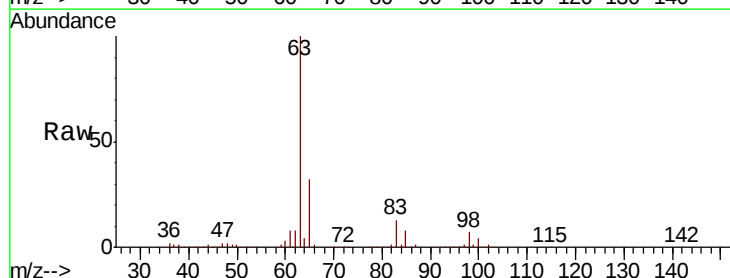
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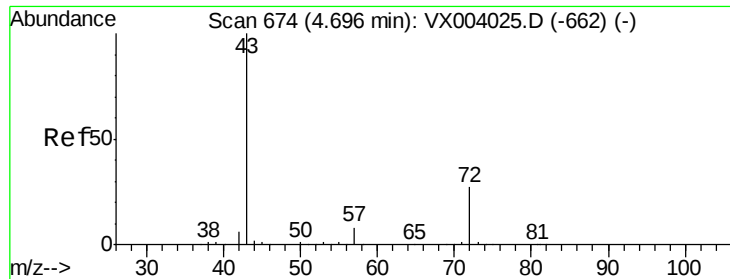
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#24
 1,1-Dichloroethane
 Concen: 50.66 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 63 Resp: 330200
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 251.16 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 43 Resp: 878218

Ion Ratio Lower Upper

43 100

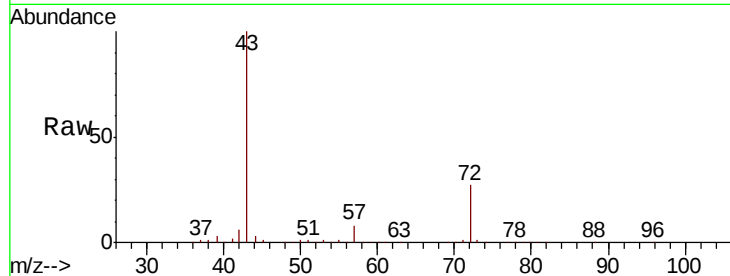
72 26.9 21.4 32.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

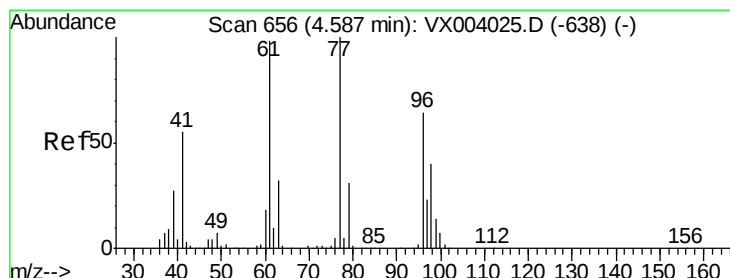
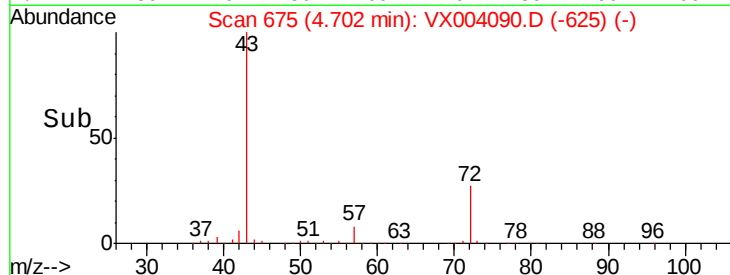
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 33.14 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004090.D

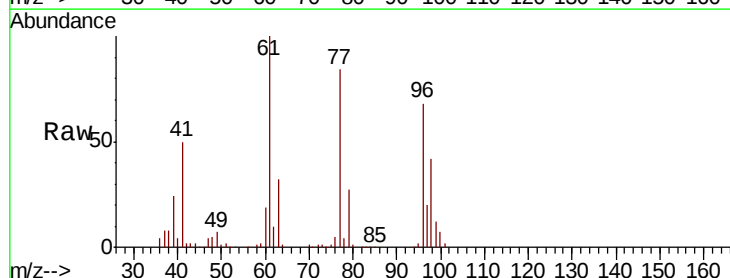
Acq: 15 Aug 2018 23:08

Tgt Ion: 77 Resp: 171722

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

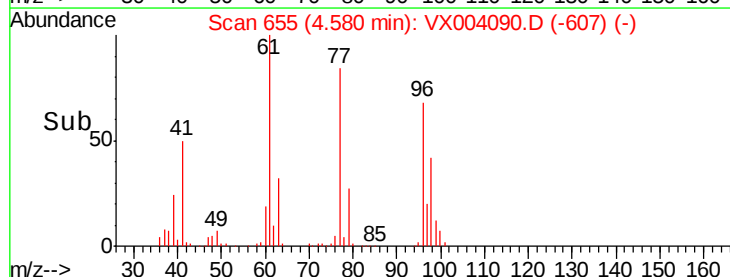
20000

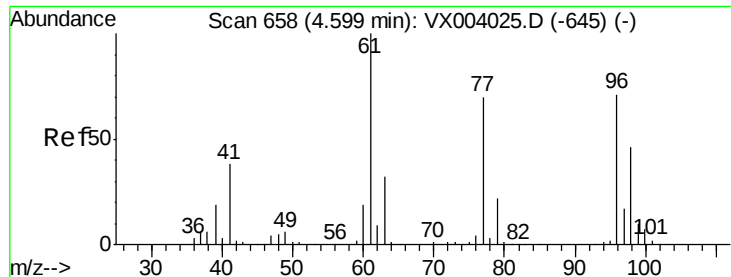
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

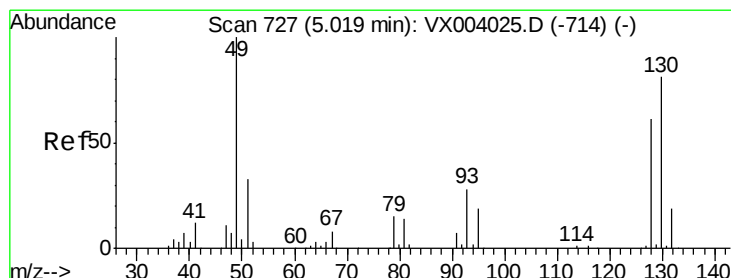
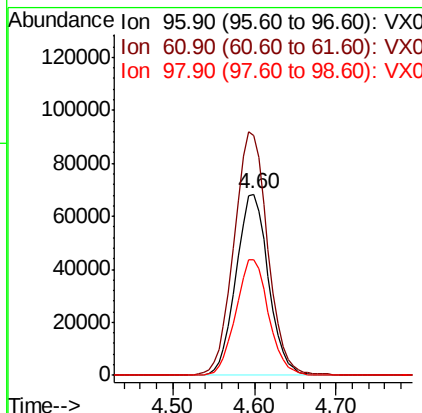
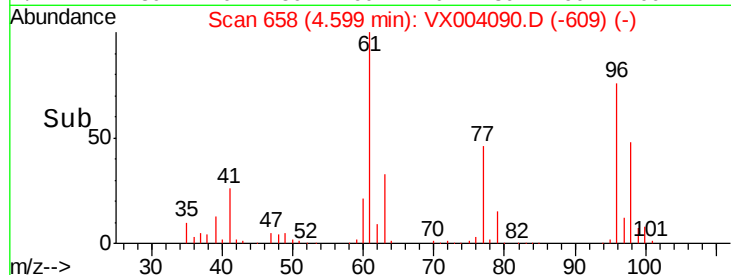
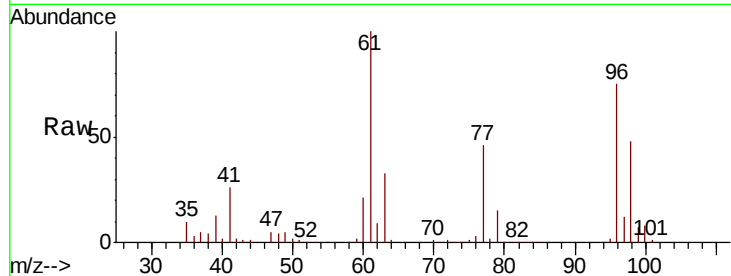
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	96	Resp:	188589
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	293.0
98	64.4	0.0	131.8

Manual Integrations
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#28

Bromochloromethane

Concen: 50.38 ug/l

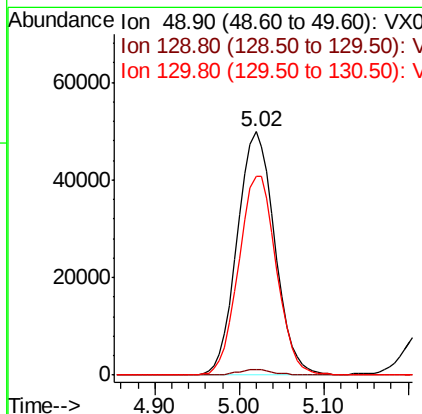
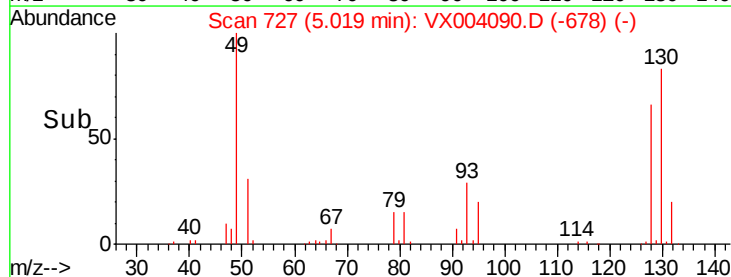
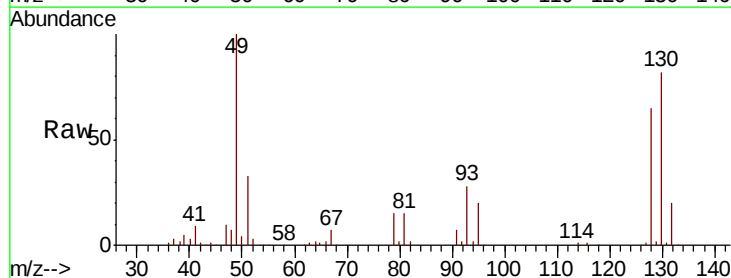
RT: 5.02 min Scan# 727

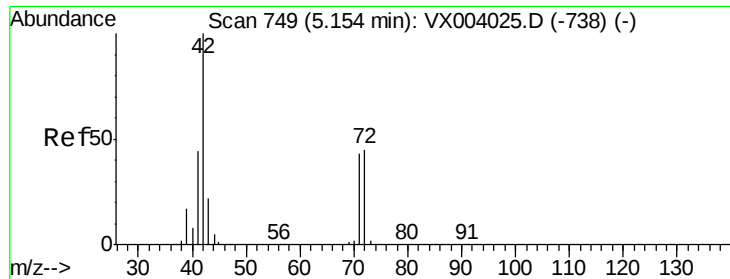
Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	49	Resp:	150644
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.3	66.5	99.7





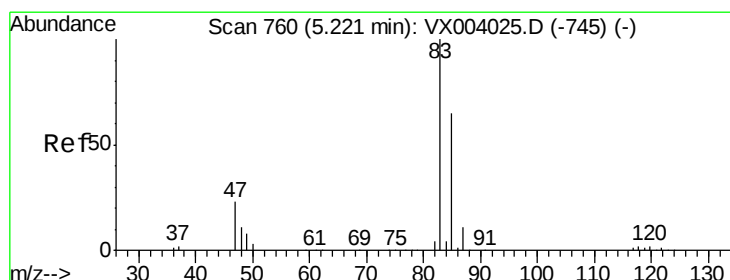
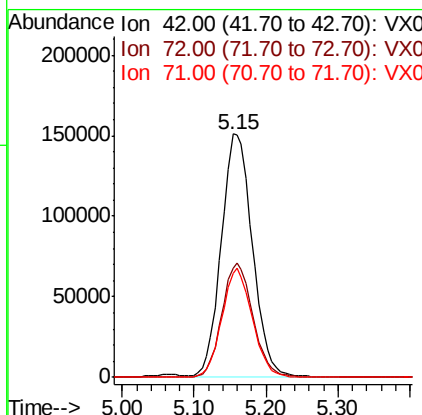
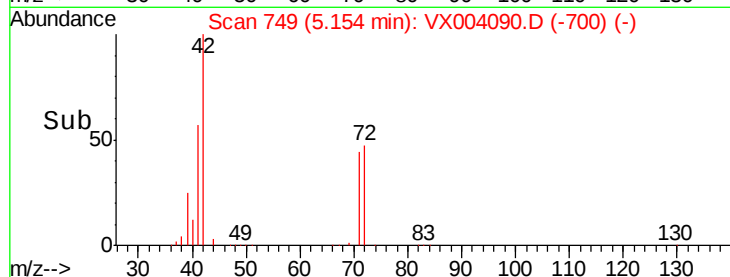
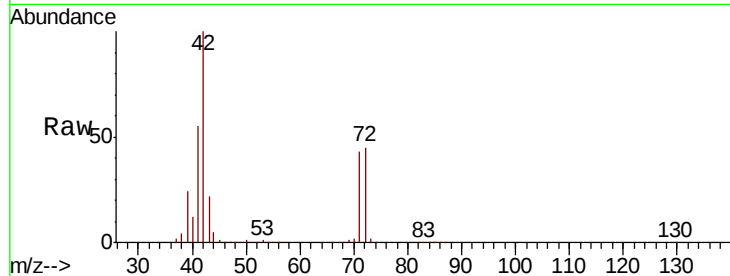
#29
Tetrahydrofuran
Concen: 253.91 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.7	56.5
71	43.6	35.0	52.6

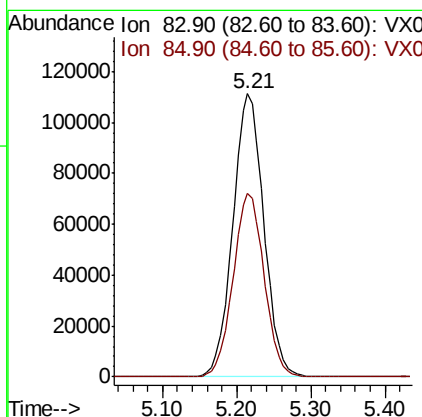
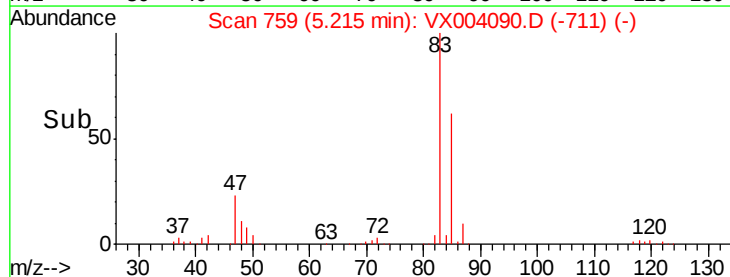
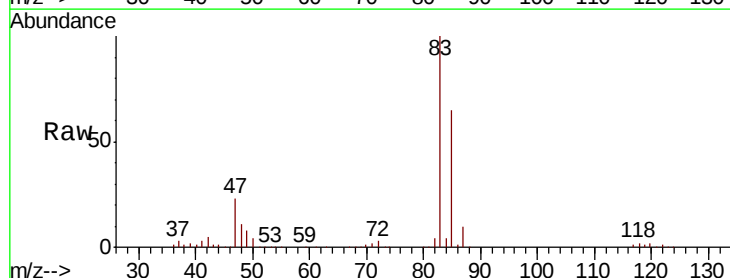
Manual Integrations
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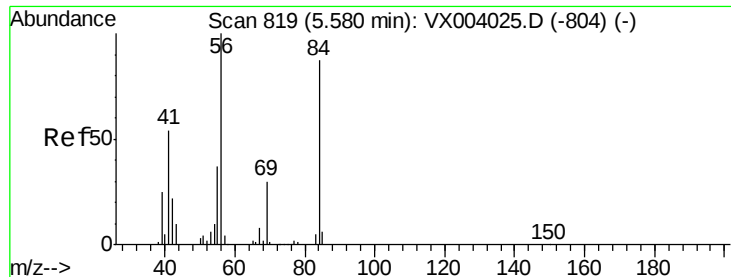
MMDadoda
8/16/2018 4:39:54 PM



#30
Chloroform
Concen: 50.93 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1





#31

Cyclohexane

Concen: 47.07 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

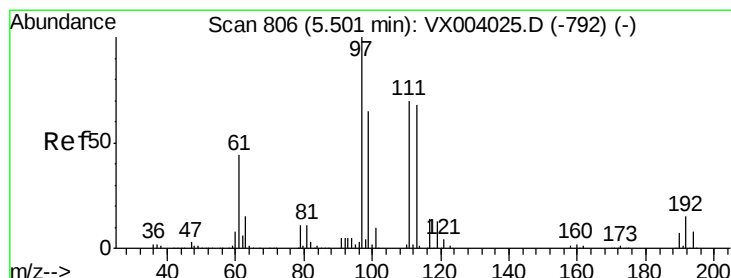
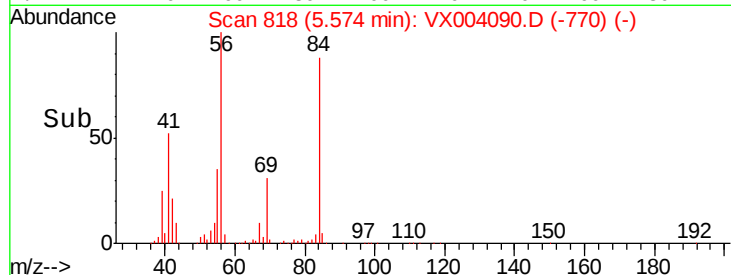
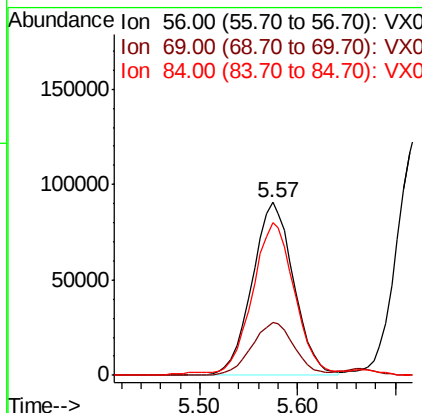
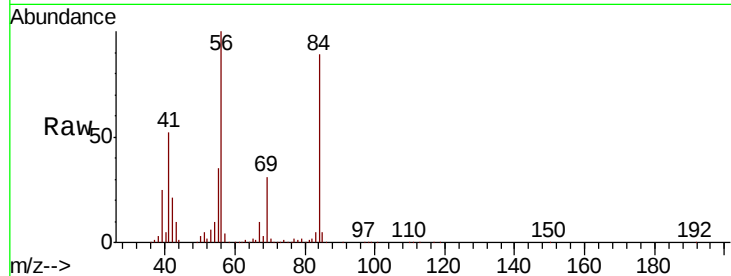
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	56	Resp:	268951
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	87.2	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.50 ug/l

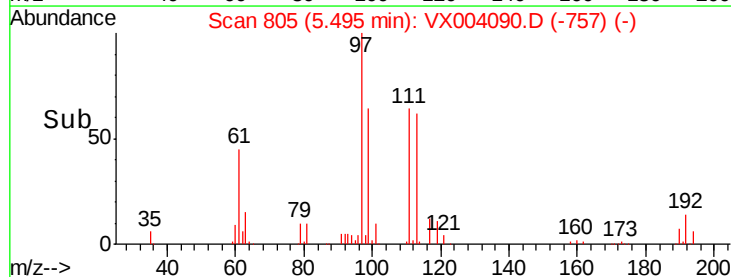
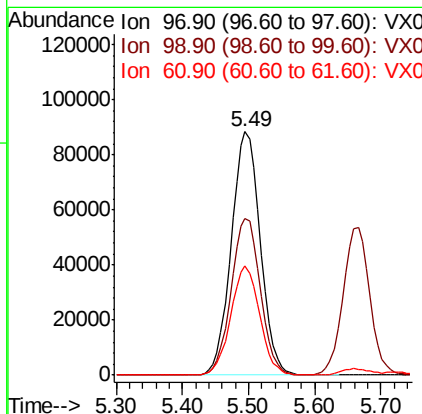
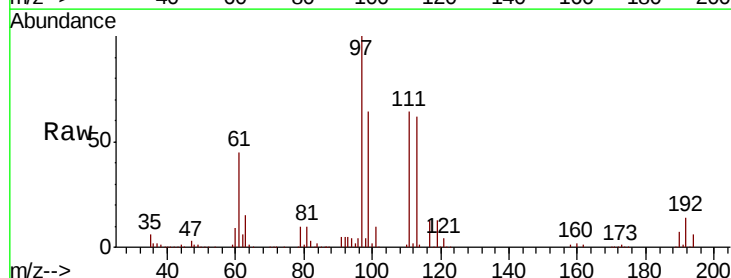
RT: 5.49 min Scan# 805

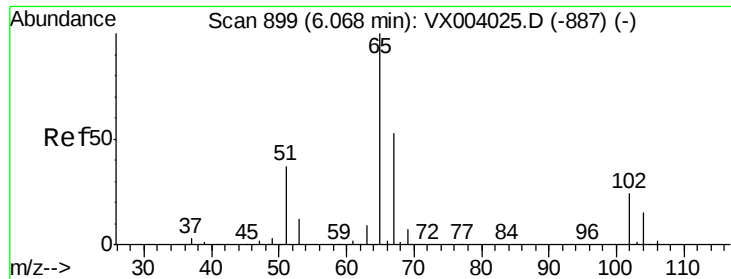
Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	97	Resp:	268417
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	44.8	34.4	51.6





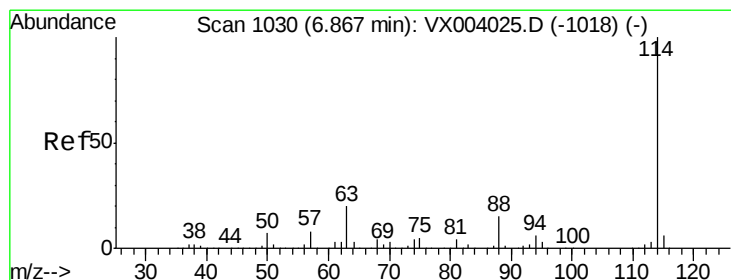
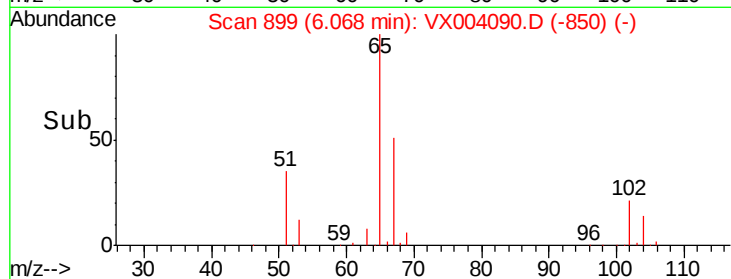
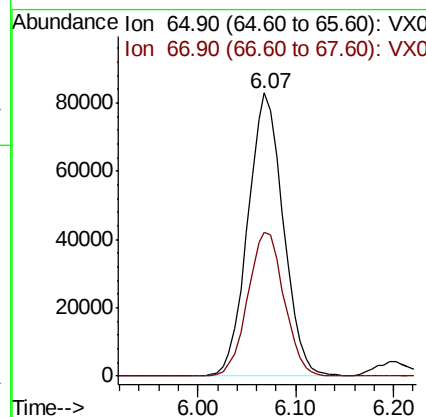
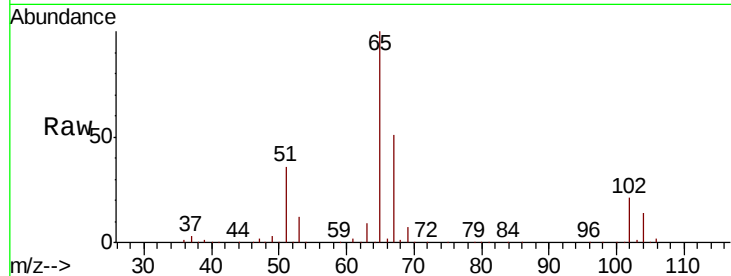
#33
 1,2-Dichloroethane-d4
 Concen: 50.36 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	208164		
67	52.3	0.0	105.8	

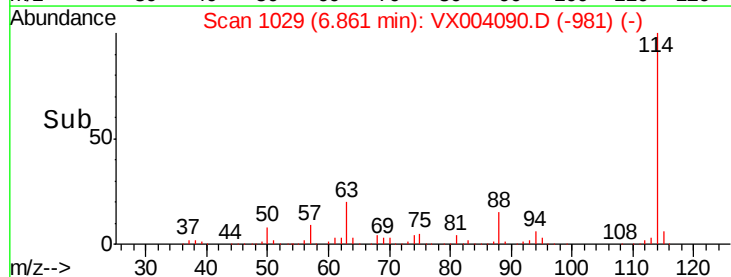
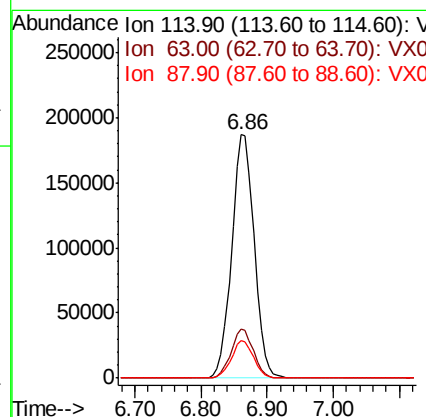
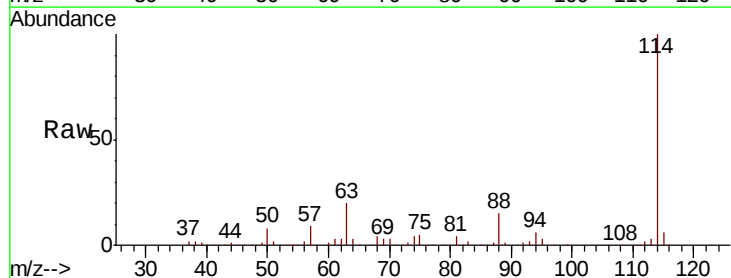
Manual Integrations
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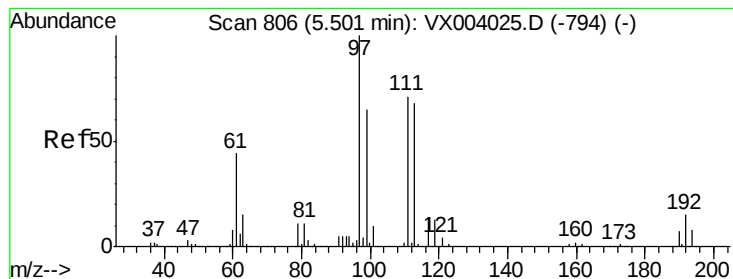
MMDadoda
 8/16/2018 4:39:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	440190		
63	20.2	0.0	39.0	
88	15.3	0.0	32.0	





#35

Dibromofluoromethane

Concen: 52.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

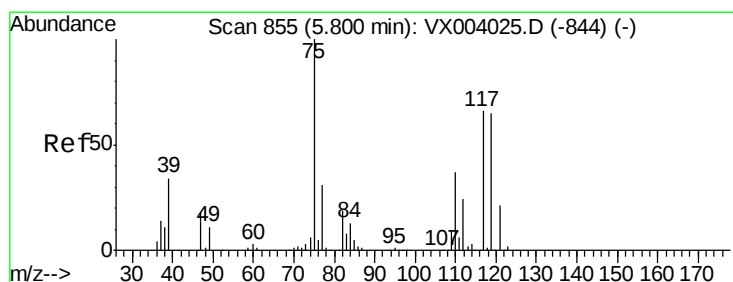
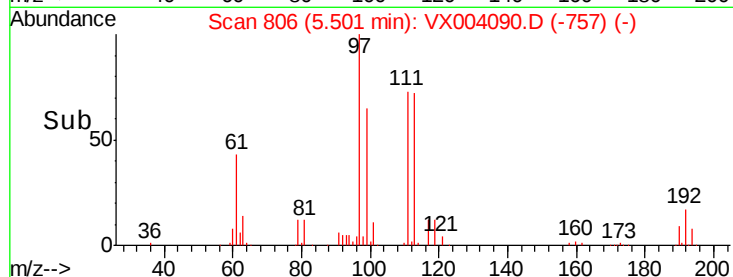
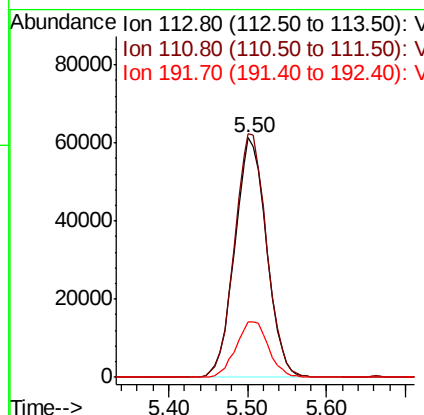
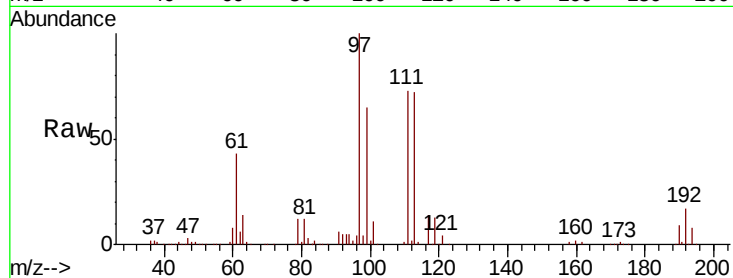
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	113	Resp:	171820
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.0	123.0
192	23.7	19.0	28.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.42 ug/l

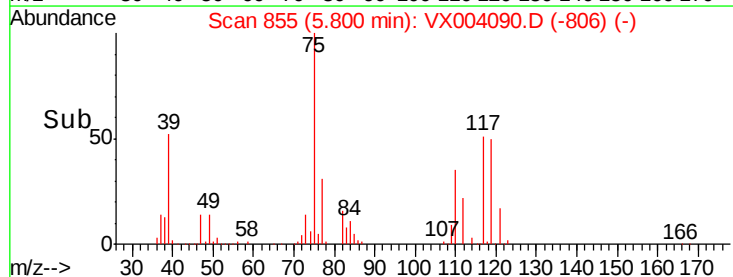
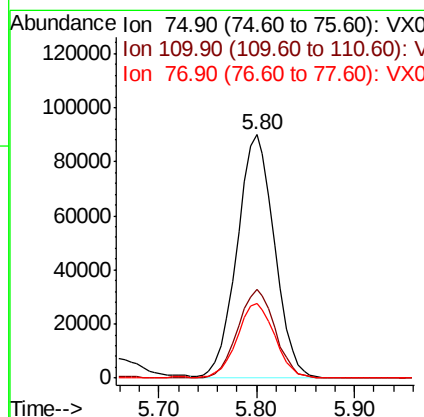
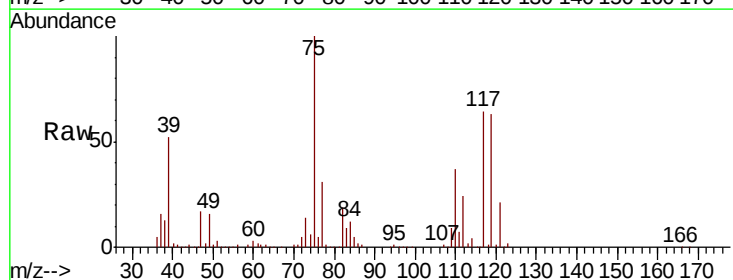
RT: 5.80 min Scan# 855

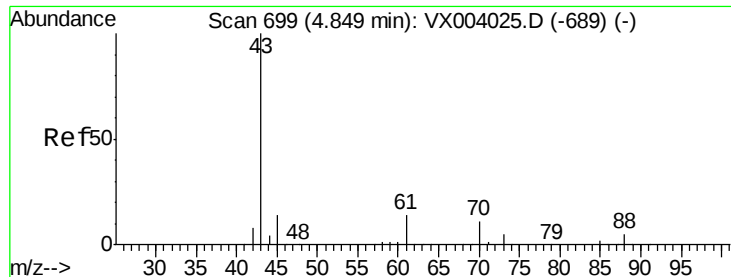
Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	75	Resp:	237536
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.2	54.6
77	31.1	25.0	37.4





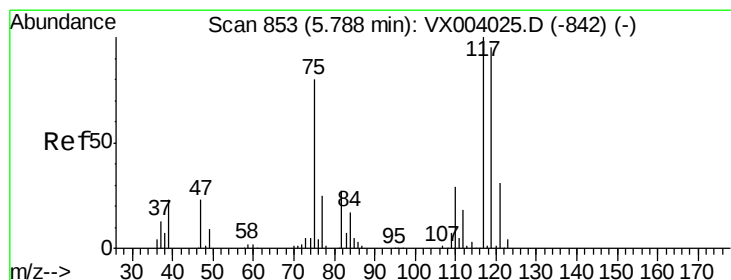
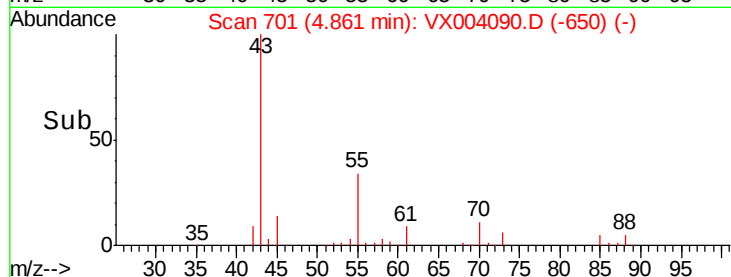
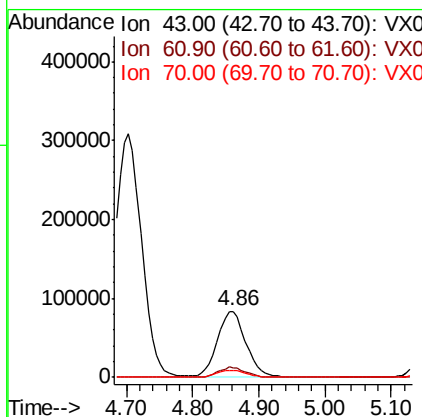
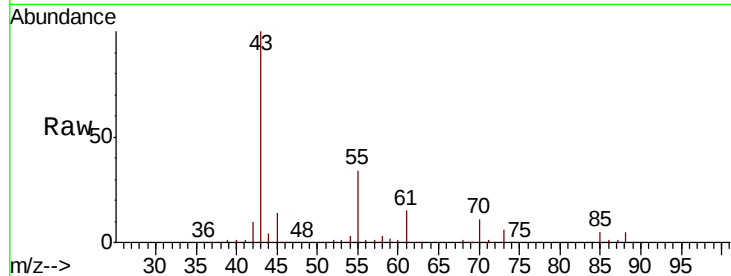
#37
Ethyl Acetate
Concen: 45.74 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	43	Resp	249520
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.5	17.3
70	11.0	9.0	13.4

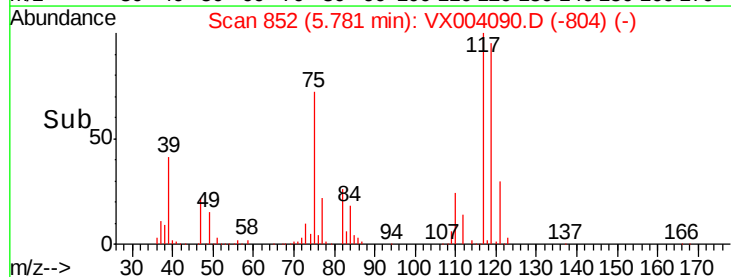
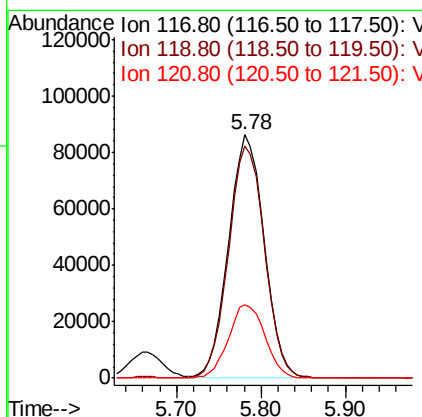
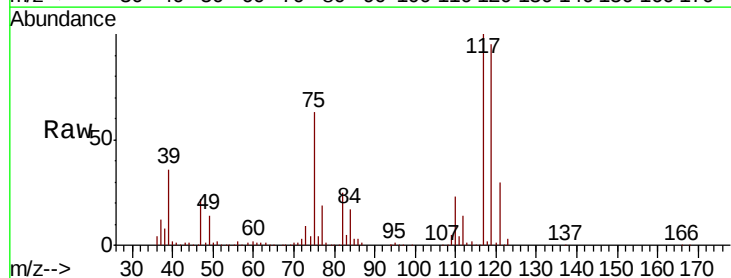
Manual Integrations
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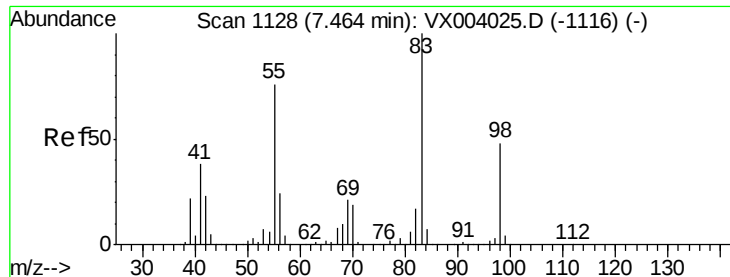
MMDadoda
8/16/2018 4:39:54 PM



#38
Carbon Tetrachloride
Concen: 50.94 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	117	Resp	247892
Ion Ratio	Lower	Upper	
117	100		
119	95.0	79.5	119.3
121	30.0	25.0	37.4





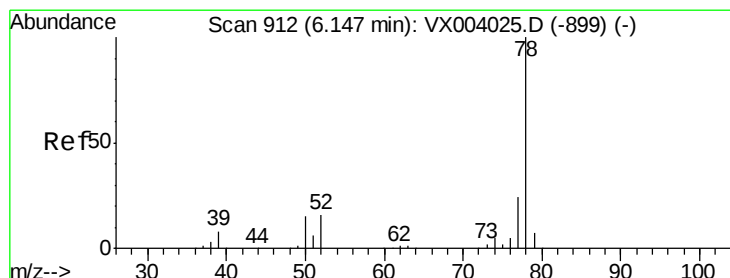
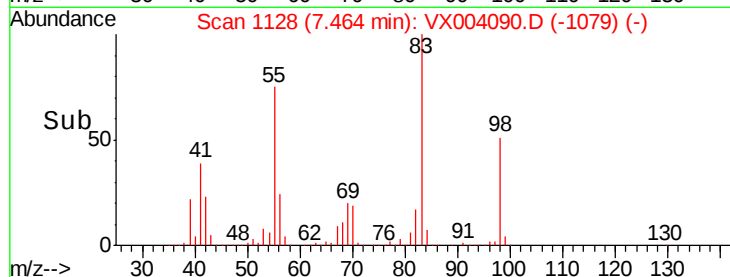
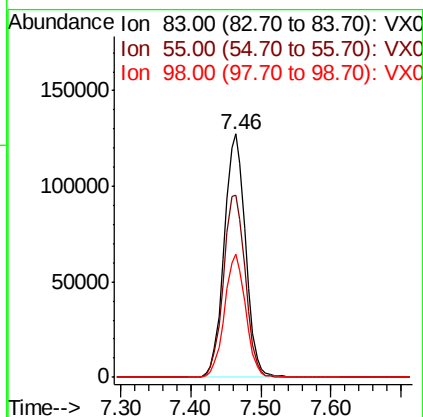
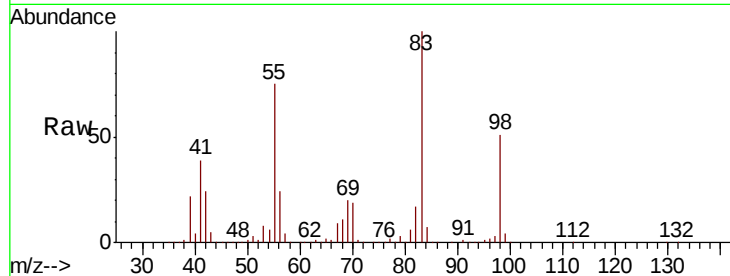
#39
Methvlcvclohexane
Concen: 47.70 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.0	91.6
98	50.6	38.6	57.8

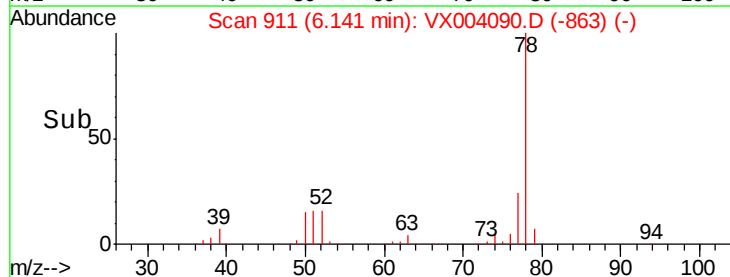
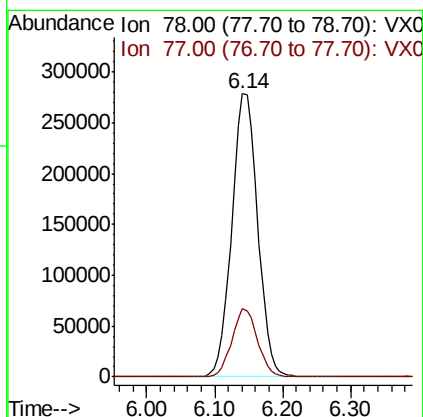
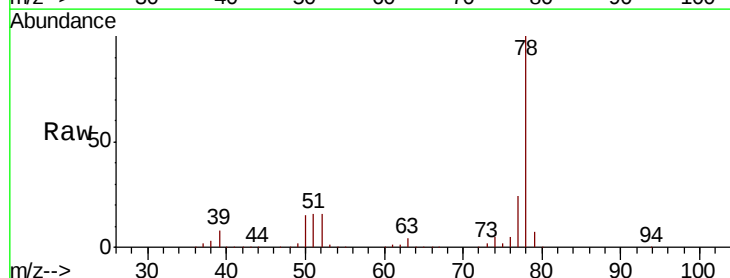
Manual Integrations
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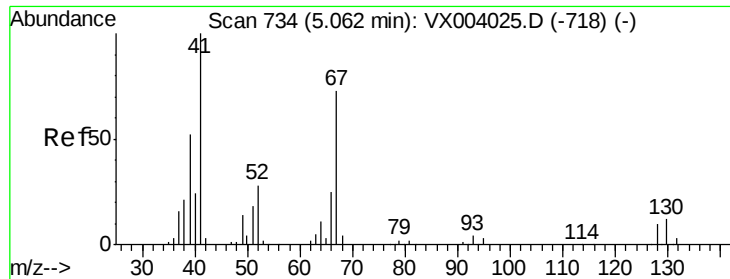
MMDadoda
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#40
Benzene
Concen: 48.94 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





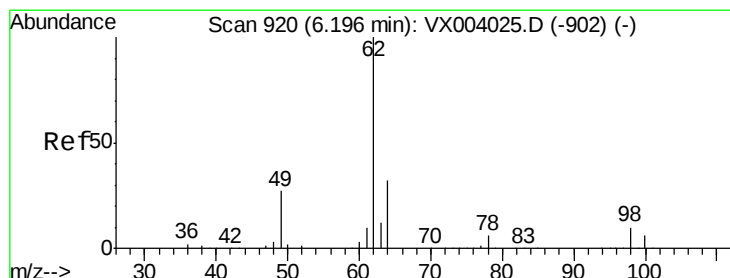
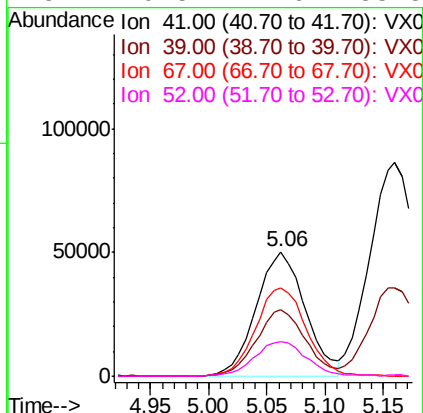
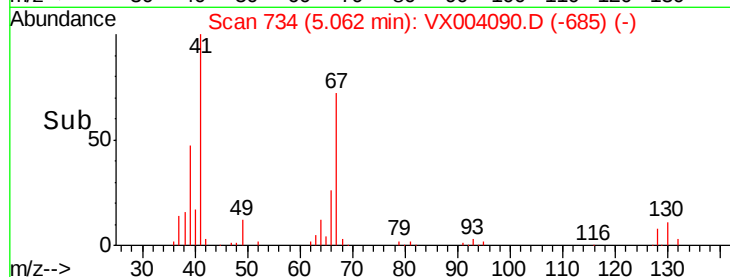
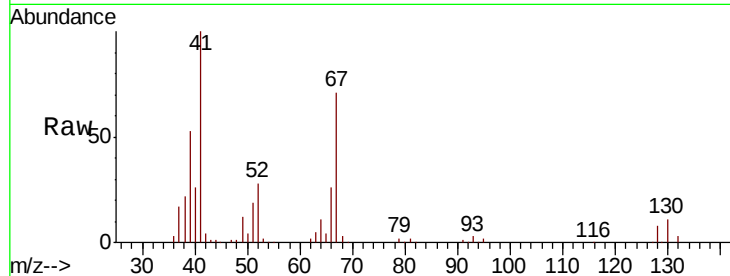
#41
Methacrylonitrile
Concen: 47.92 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.7	64.1
67	73.9	58.9	88.3
52	29.5	22.6	33.8

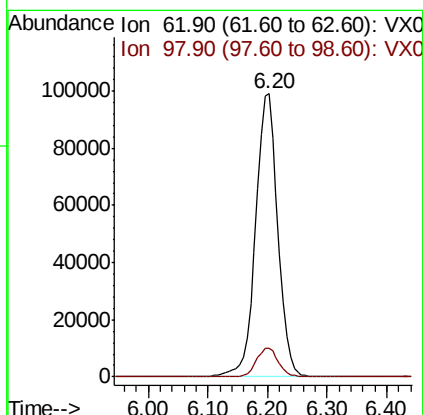
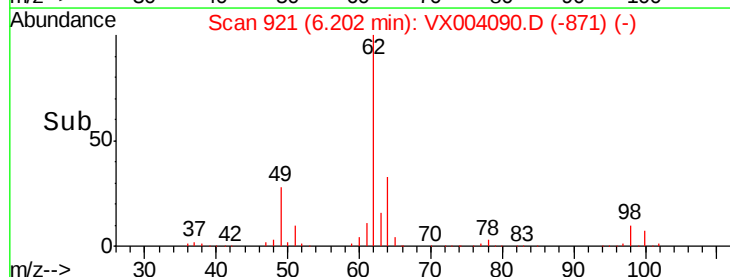
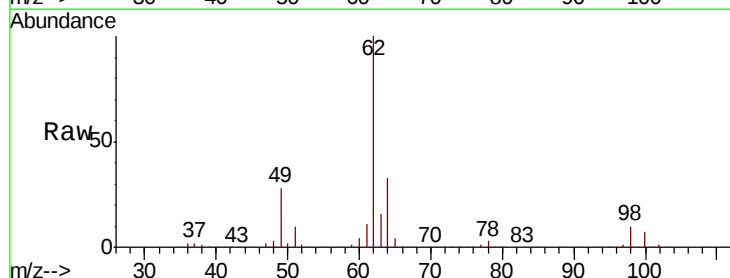
Manual Integrations
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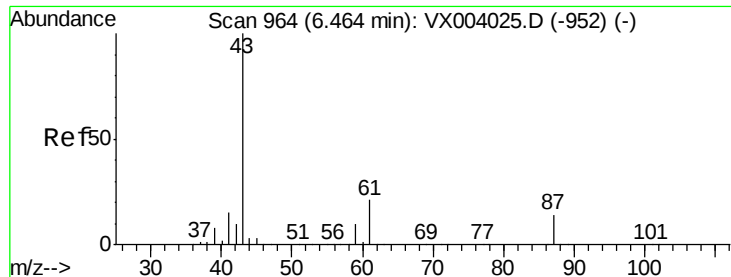
MMDadoda
8/16/2018 4:39:54 PM



#42
1,2-Dichloroethane
Concen: 48.37 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

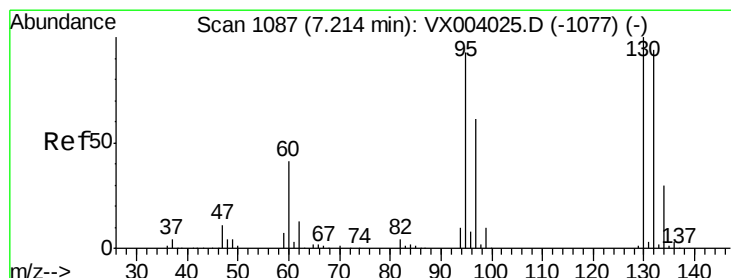
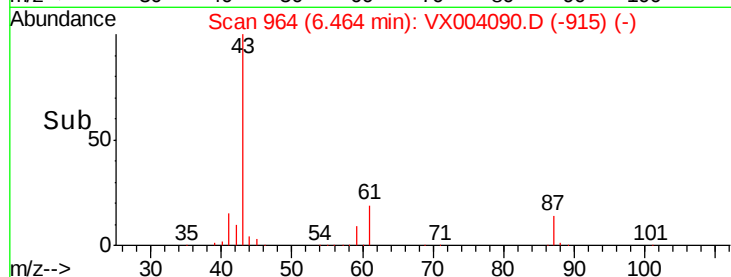
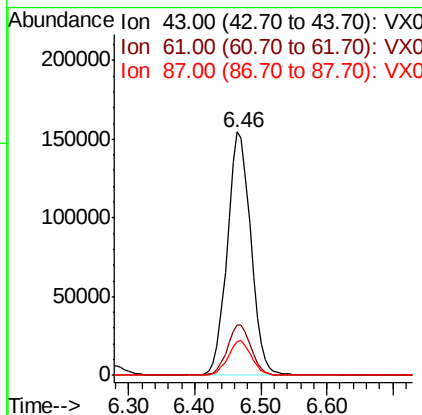
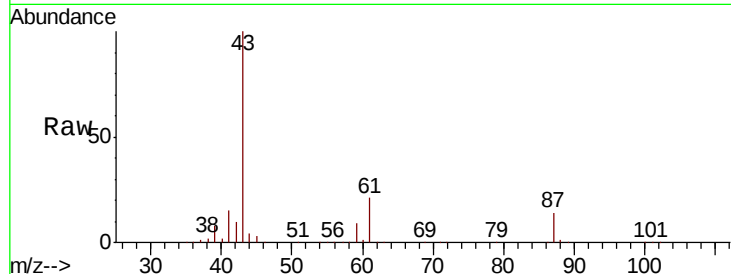
Isopropyl Acetate
 Concen: 47.44 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	14.1	11.3	16.9

Manual Integrations
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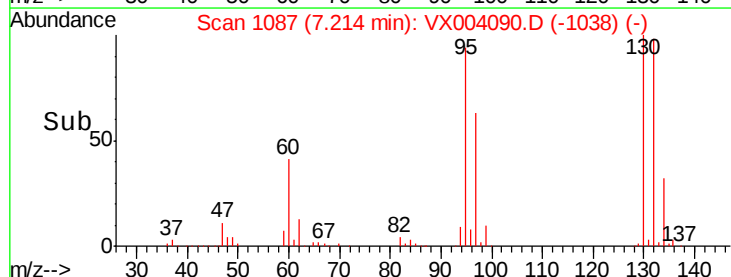
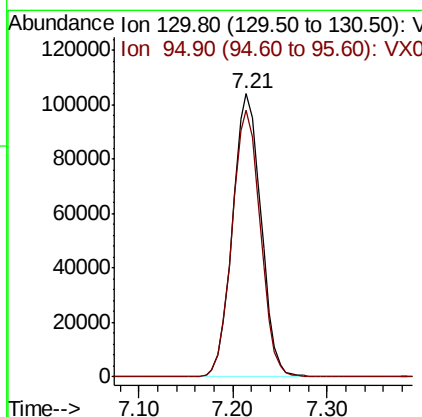
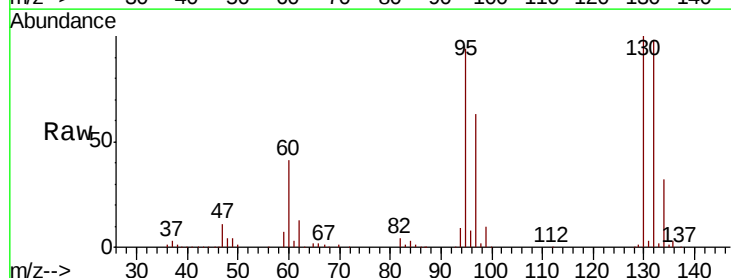
MMDadoda
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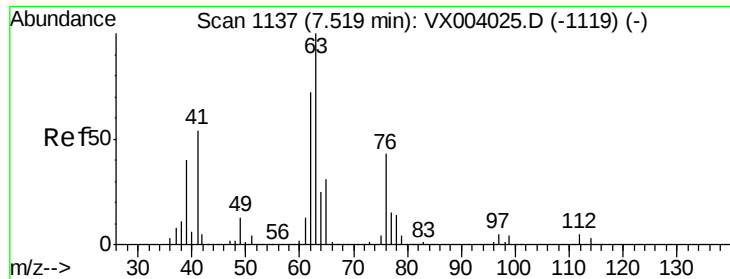


#44

Trichloroethene
 Concen: 53.59 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	199.4





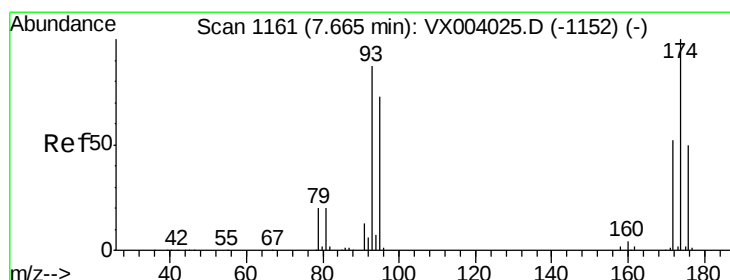
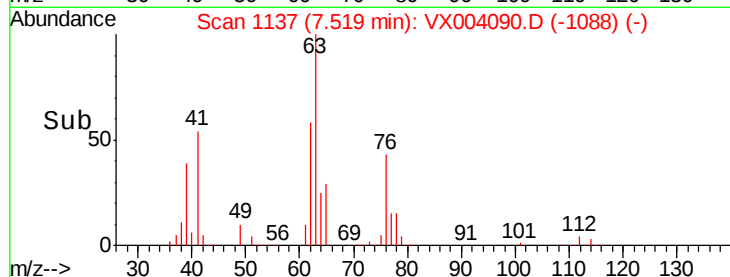
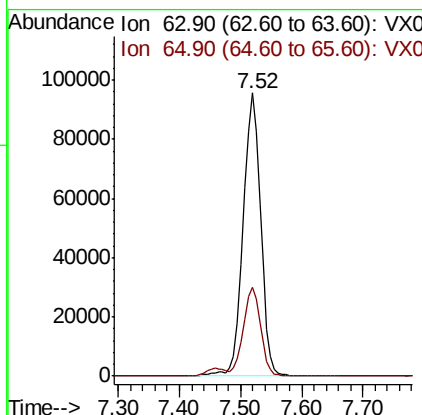
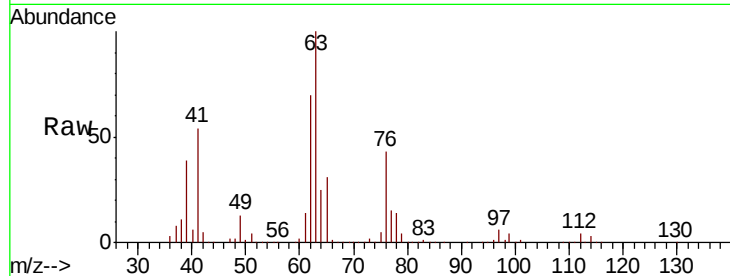
#45
 1,2-Dichloropropane
 Concen: 49.17 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion: 63 Resp: 189322
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8

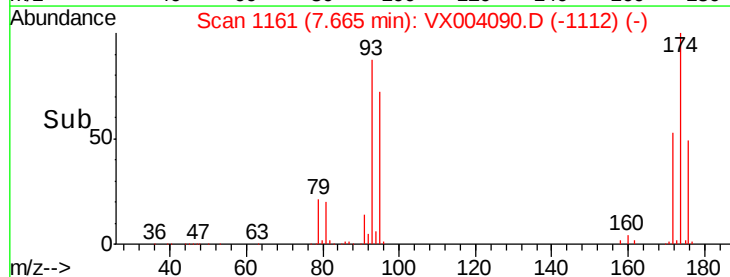
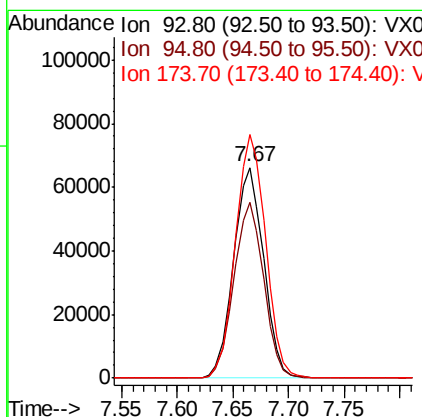
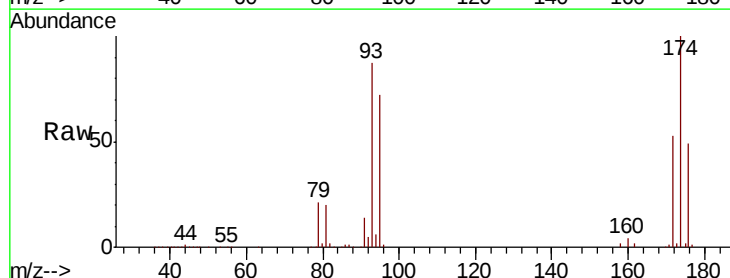
Manual Integrations
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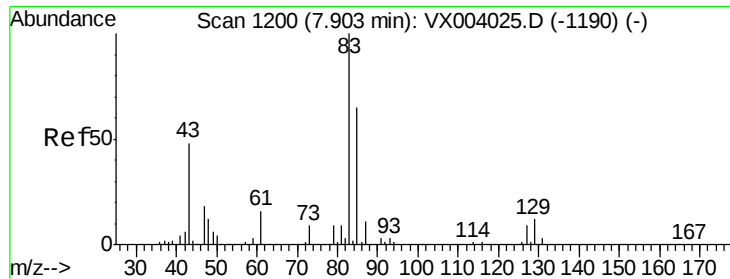
MMDadoda
 8/16/2018 4:39:54 PM



#46
 Dibromomethane
 Concen: 49.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 93 Resp: 123989
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 116.4 94.3 141.5





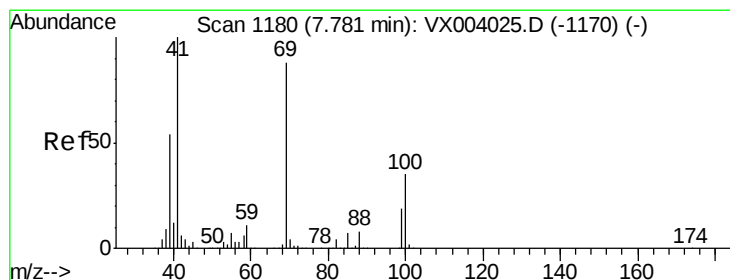
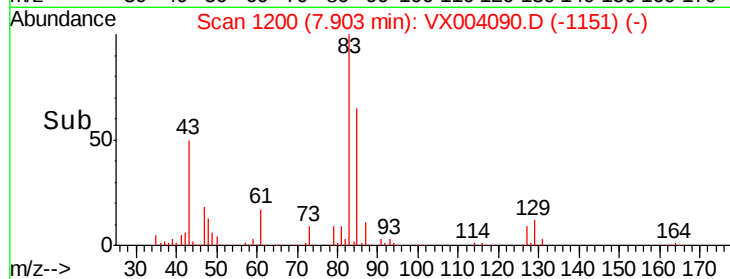
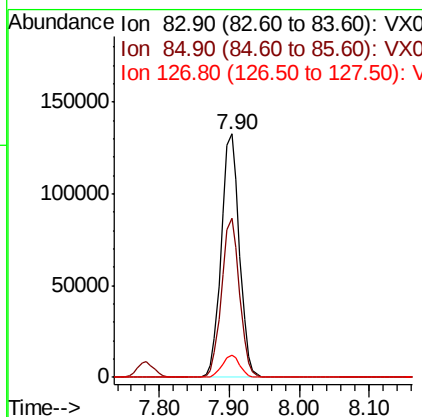
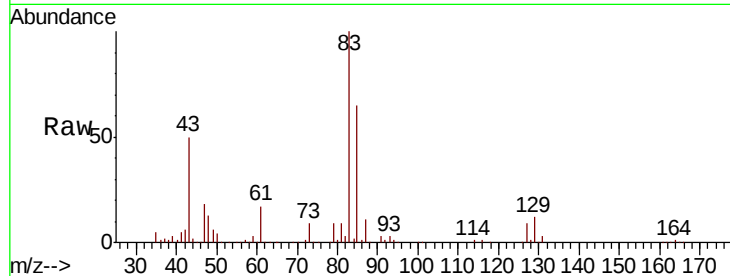
#47
 Bromodichloromethane
 Concen: 50.14 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	238973		
85	65.1		51.2	76.8
127	9.0		7.2	10.8

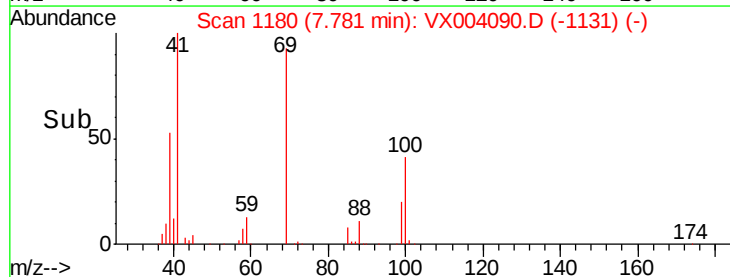
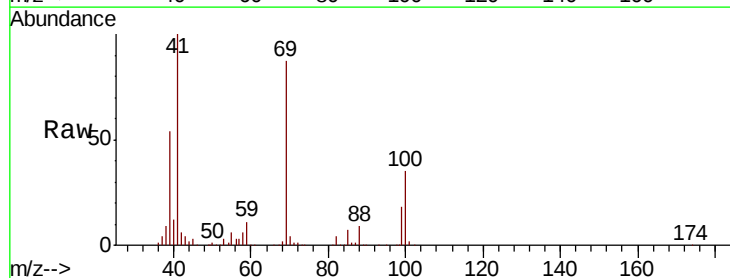
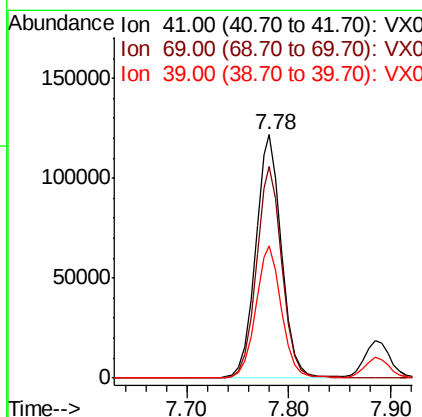
Manual Integrations
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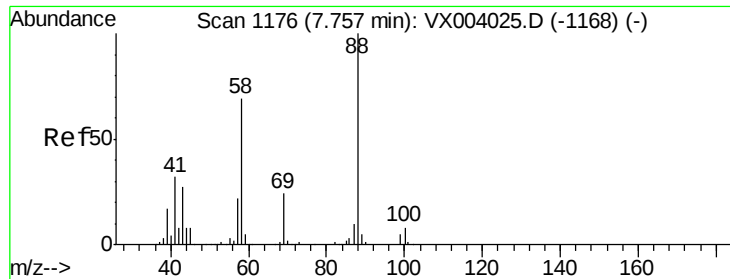
MMDadoda
 8/16/2018 4:39:54 PM



#48
 Methyl methacrylate
 Concen: 52.88 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	214015		
69	86.8		68.8	103.2
39	54.0		42.3	63.5





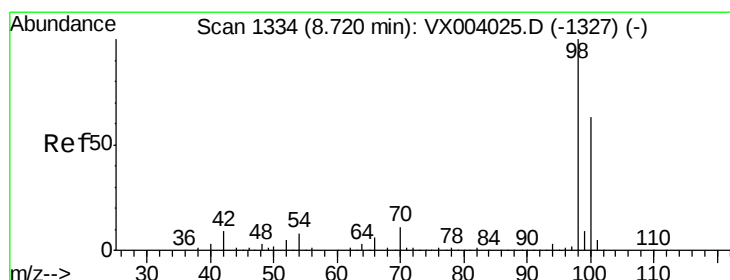
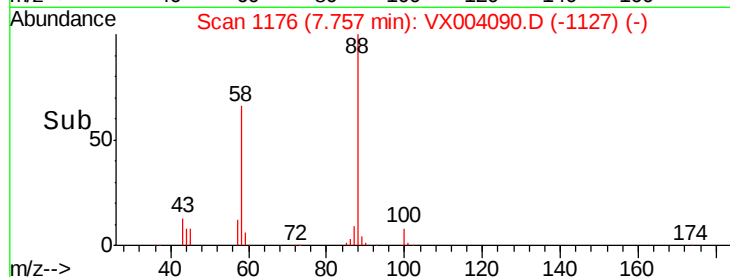
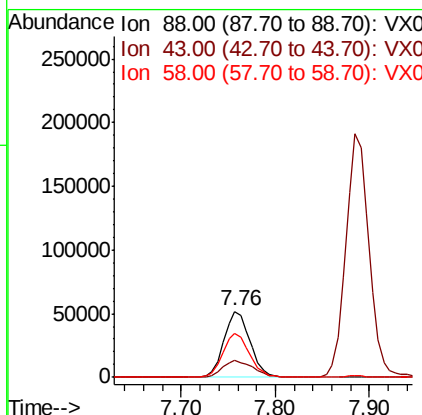
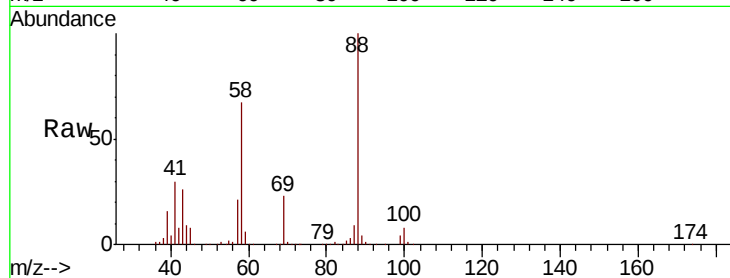
#49
1,4-Dioxane
Concen: 1085.39 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.8	35.8
58	68.6	55.4	83.0

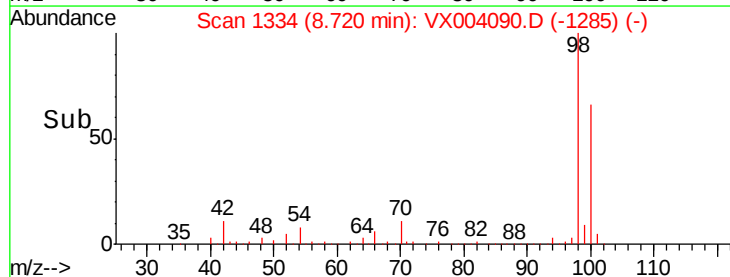
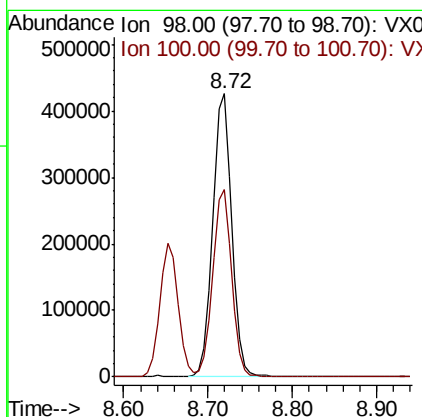
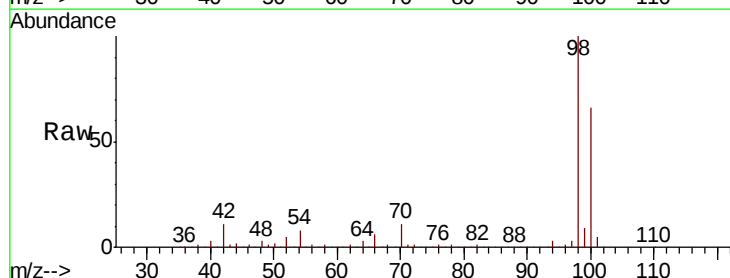
Manual Integrations
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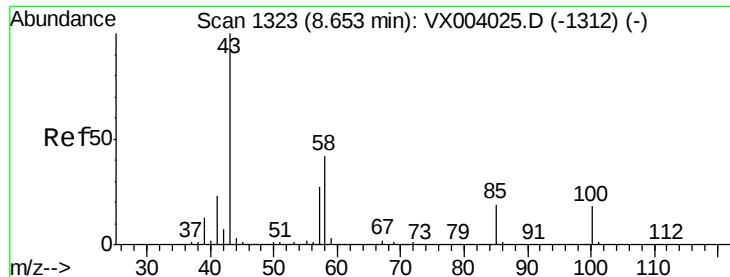
MMDadoda
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#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9





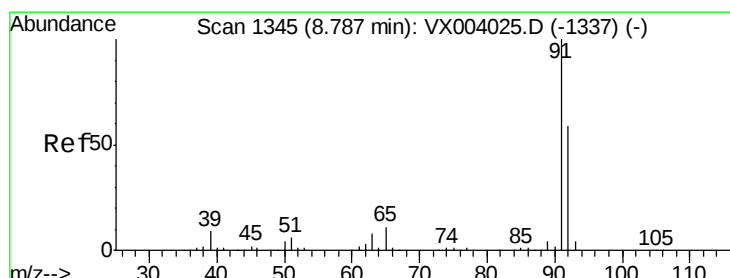
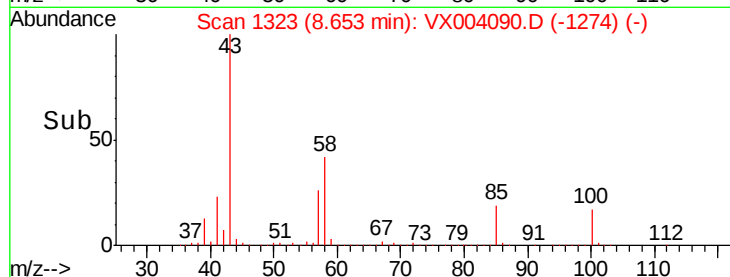
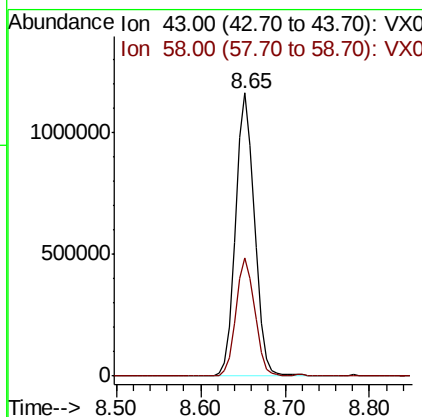
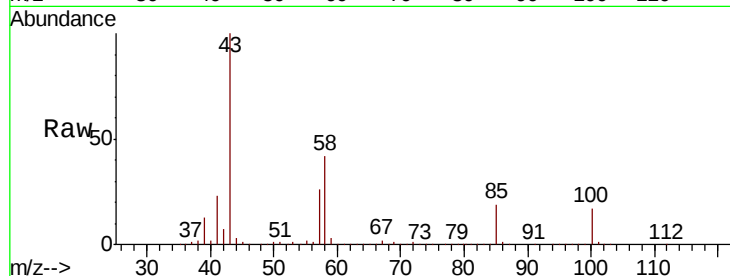
#51
4-Methyl-2-Pentanone
Concen: 267.19 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion: 43 Resp: 1761509
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6

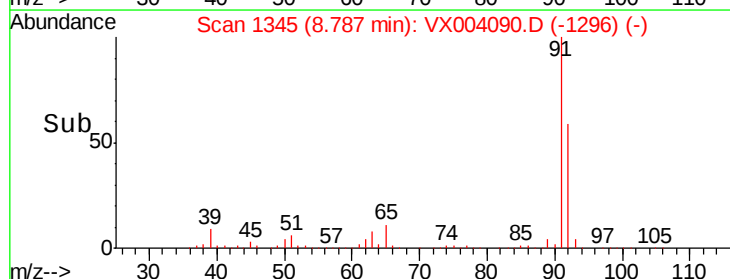
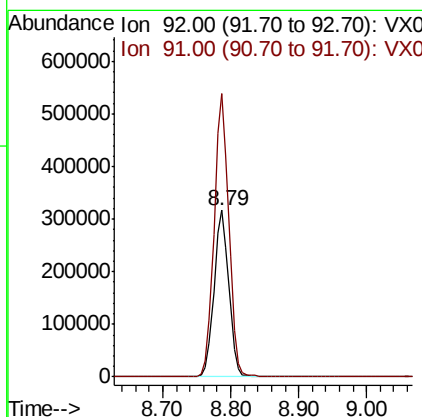
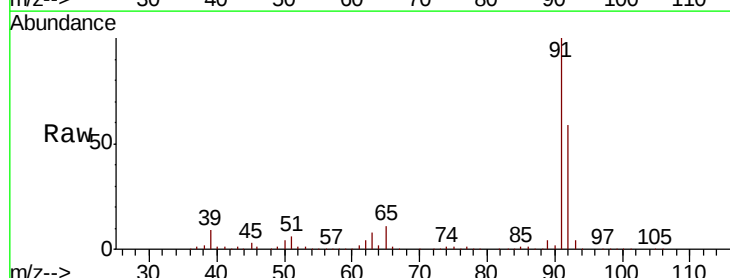
Manual Integrations
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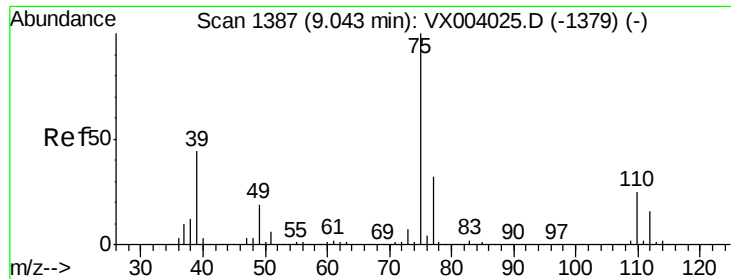
MMDadoda
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#52
Toluene
Concen: 49.96 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 92 Resp: 475235
Ion Ratio Lower Upper
92 100
91 170.1 136.1 204.1





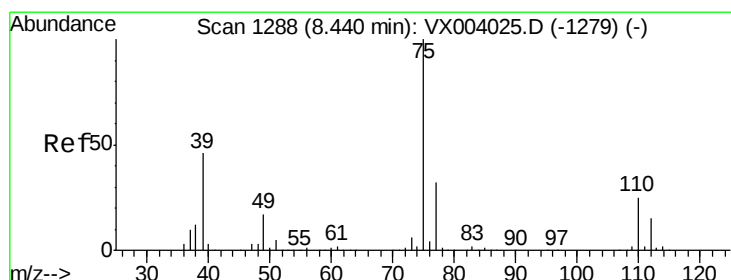
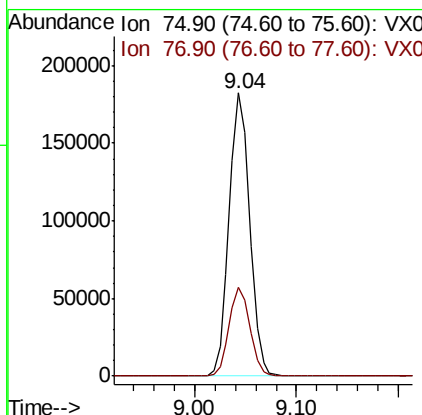
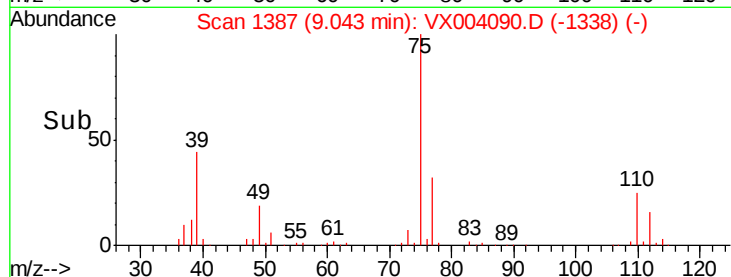
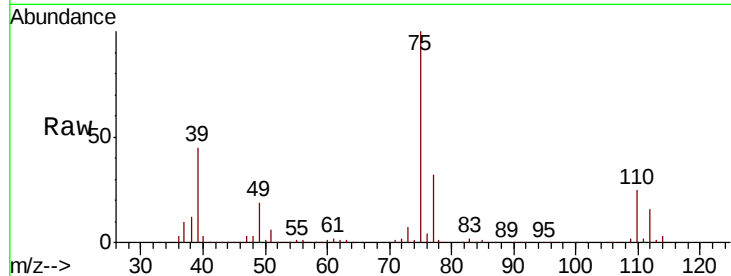
#53
 t-1,3-Dichloropropene
 Concen: 49.52 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion: 75 Resp: 254923
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7

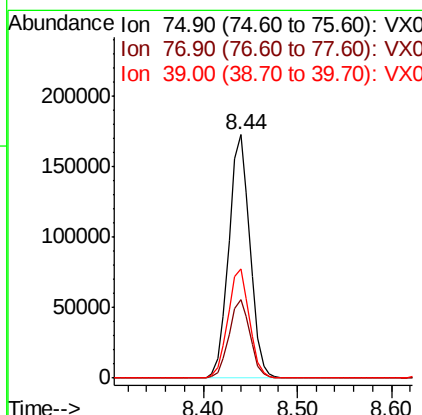
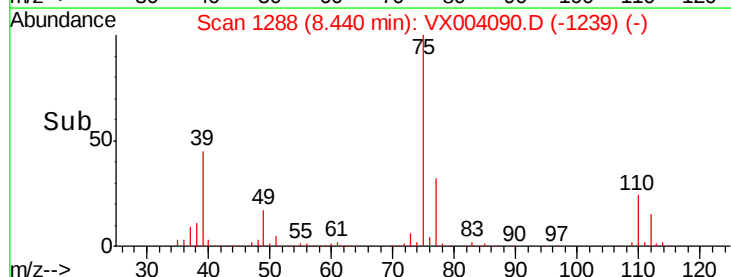
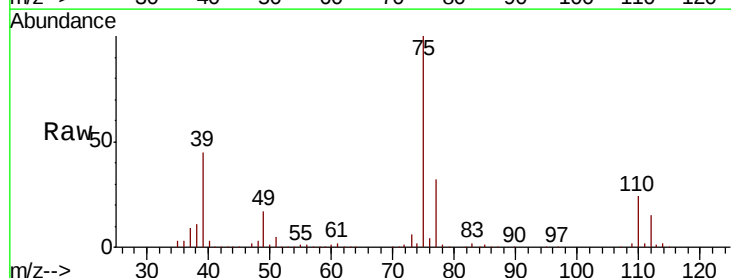
Manual Integrations
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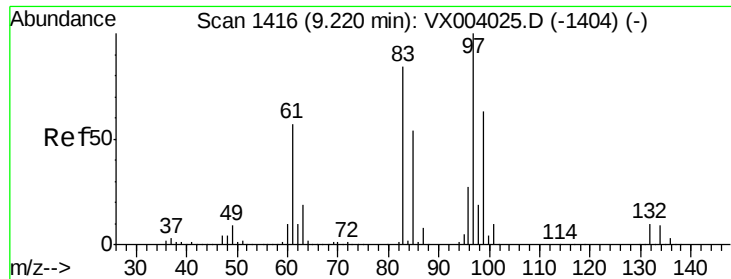
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#54
 cis-1,3-Dichloropropene
 Concen: 47.14 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 75 Resp: 268796
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9
 39 44.8 36.2 54.2





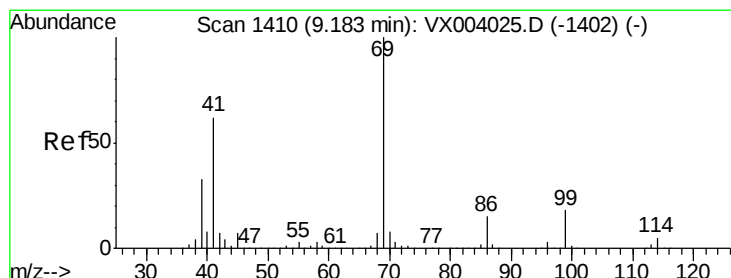
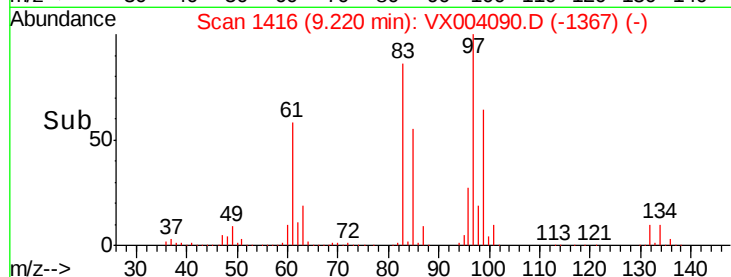
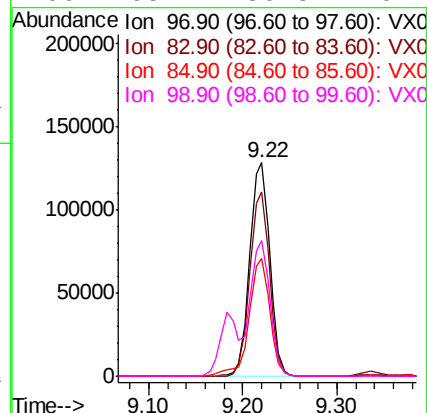
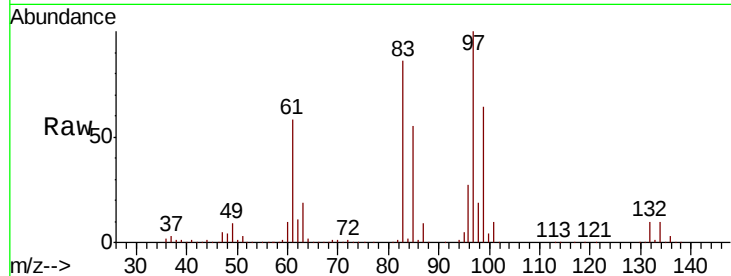
#55
 1,1,2-Trichloroethane
 Concen: 48.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191695		
83	86.1	67.8	101.6		
85	55.2	44.2	66.2		
99	63.7	50.8	76.2		

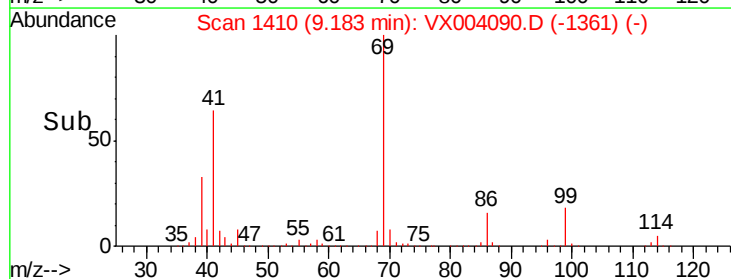
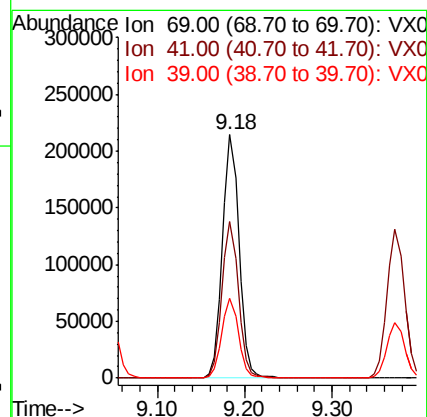
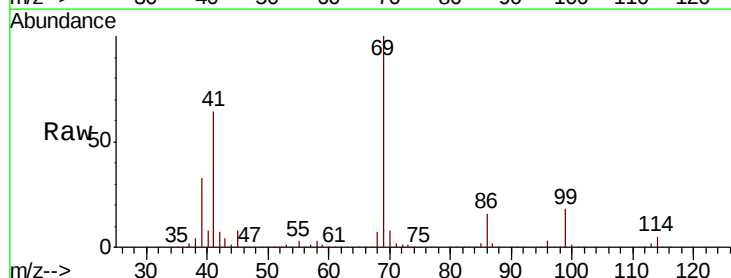
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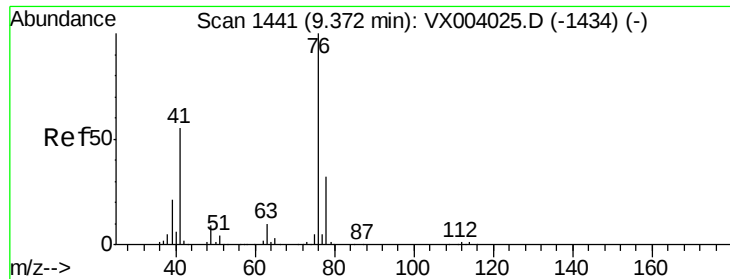
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#56
 Ethyl methacrylate
 Concen: 52.87 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		282402		
41	63.7	50.6	76.0		
39	33.0	25.8	38.6		





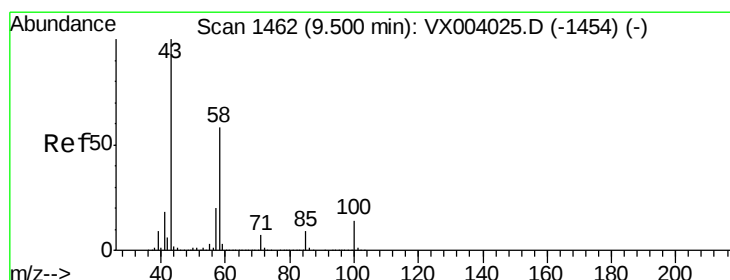
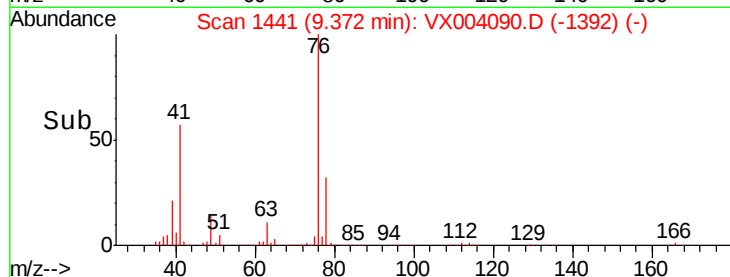
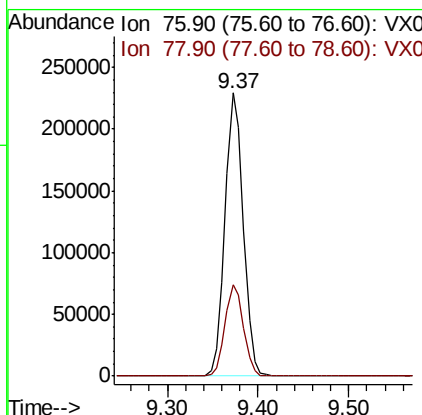
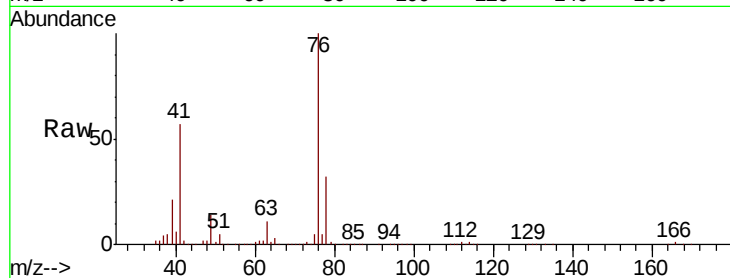
#57
 1,3-Dichloropropane
 Concen: 49.34 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.9	38.9

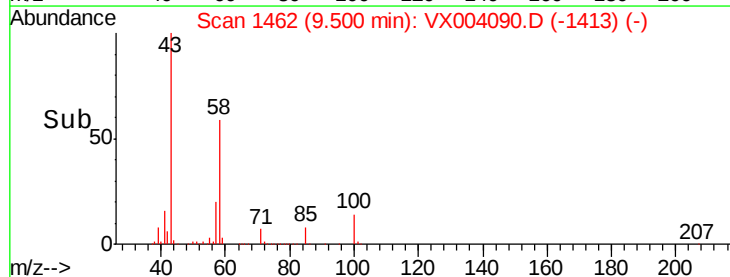
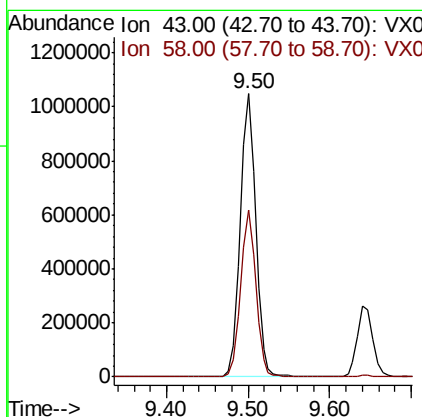
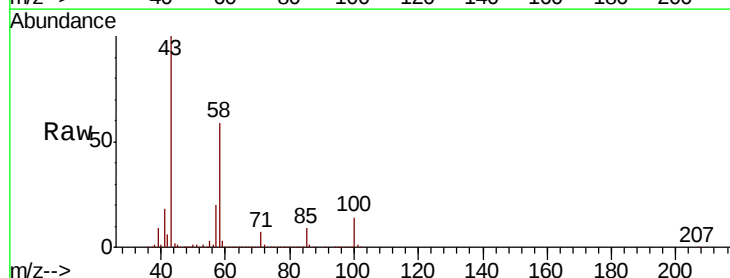
Manual Integrations
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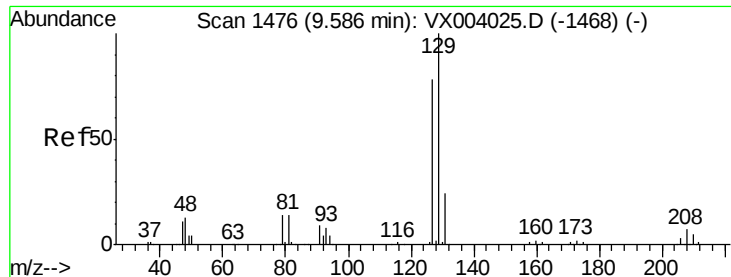
MMDadoda
 8/16/2018 4:39:54 PM



#59
 2-Hexanone
 Concen: 274.81 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.0	29.0	87.0





#60

Dibromochloromethane

Concen: 51.31 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion:129 Resp: 193969

Ion Ratio Lower Upper

129 100

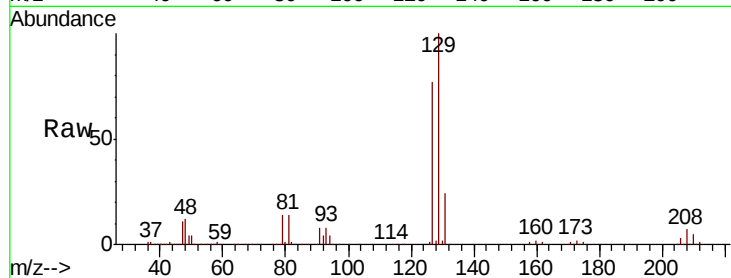
127 77.2 38.8 116.3

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

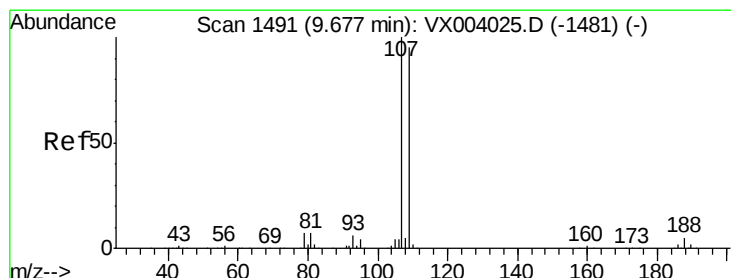
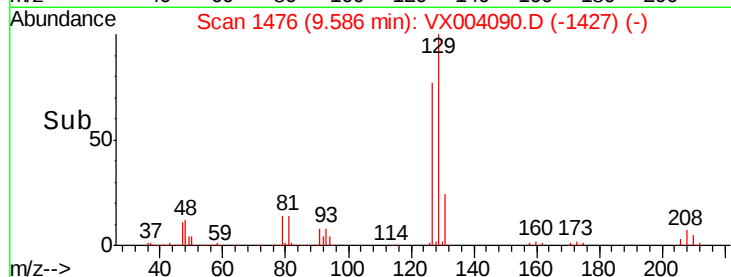
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 50.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004090.D

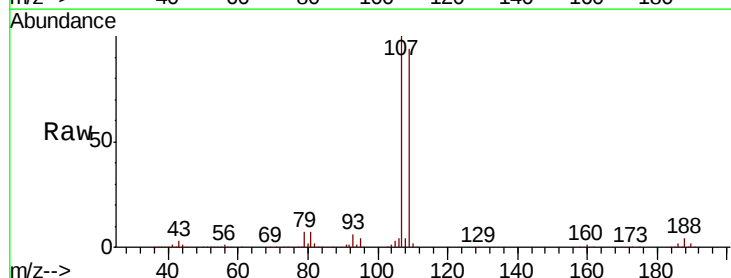
Acq: 15 Aug 2018 23:08

Tgt Ion:107 Resp: 201946

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

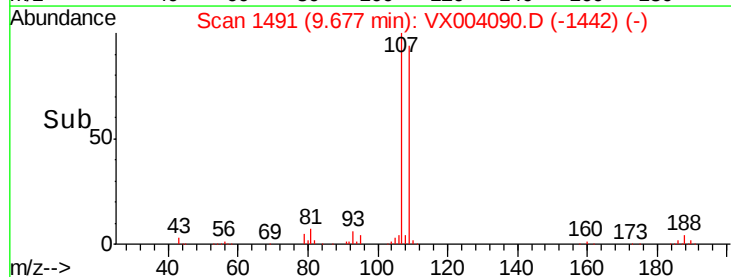
100000

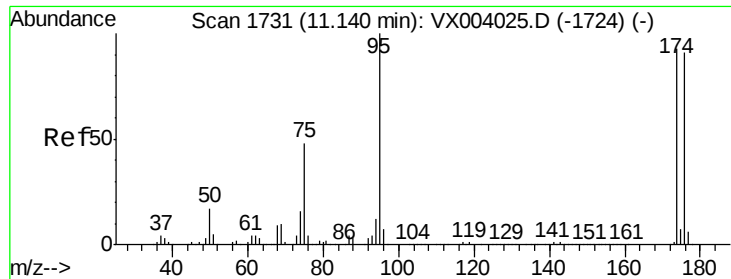
50000

0

9.60 9.70 9.80

Time-->





#62

4-Bromofluorobenzene

Concen: 50.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 95 Resp: 244901

Ion Ratio Lower Upper

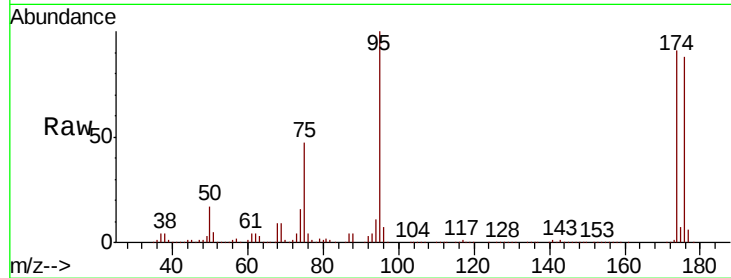
95 100

174 91.4 0.0 182.8

176 87.8 0.0 179.0

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Abundance Ion 94.90 (94.60 to 95.60): VX004025.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX004025.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX004025.D (-1724) (-)

11.14

200000

150000

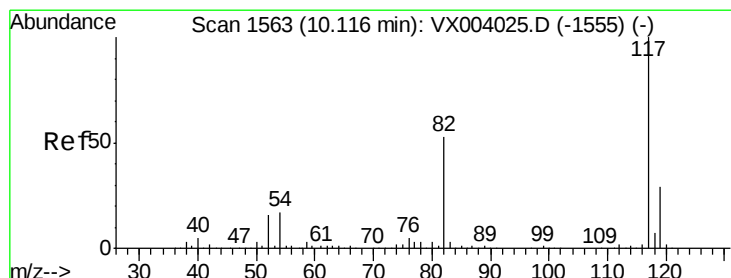
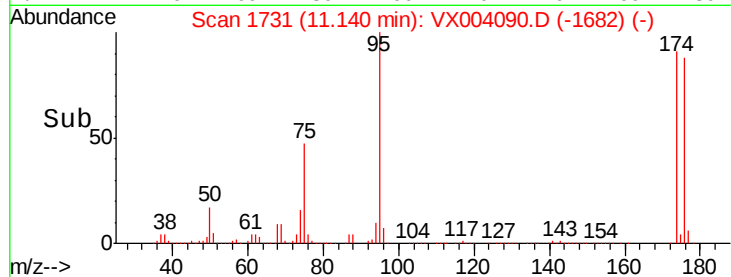
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

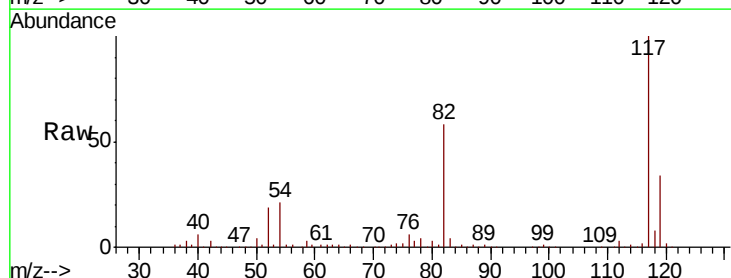
Tgt Ion: 117 Resp: 419089

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

119 33.8 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VX004025.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX004025.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX004025.D (-1555) (-)

10.12

400000

300000

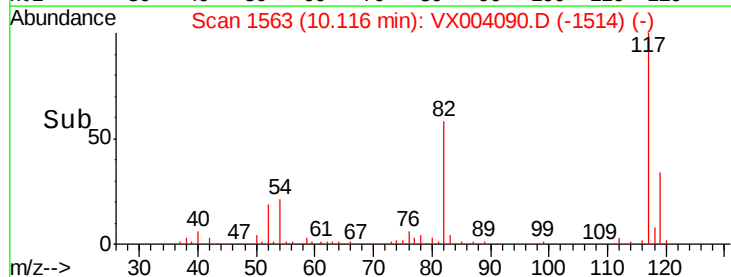
200000

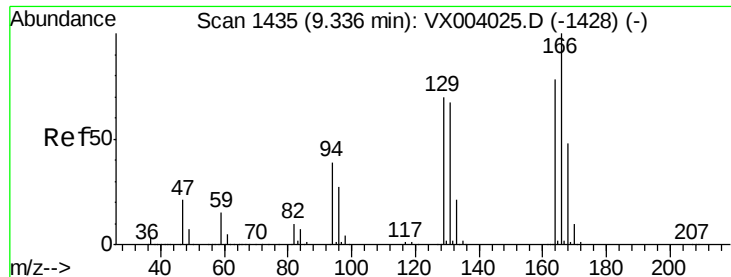
100000

0

10.10 10.20

Time-->





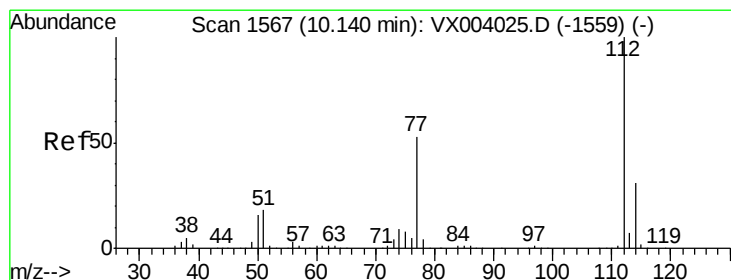
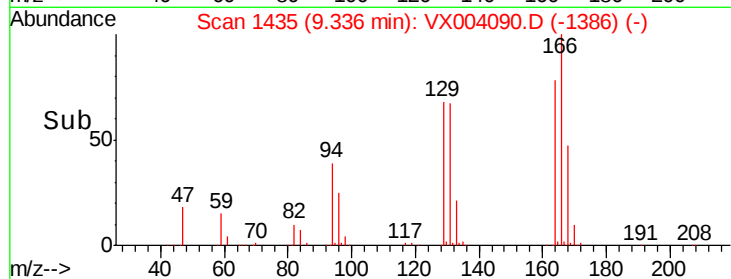
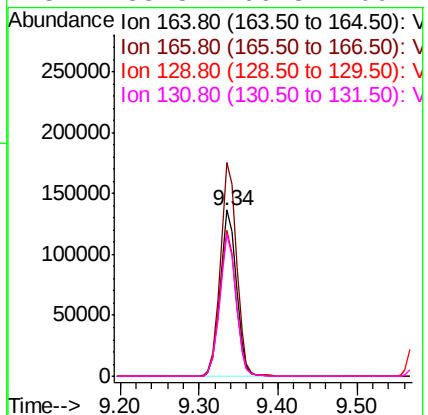
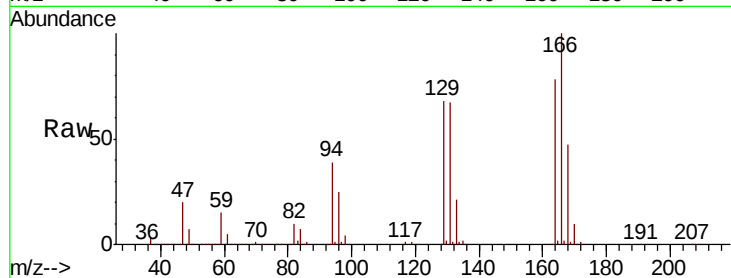
#64
Tetrachloroethene
Concen: 49.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	197210		
166	128.8	98.0	147.0	
129	88.1	64.3	96.5	
131	85.8	66.8	100.2	

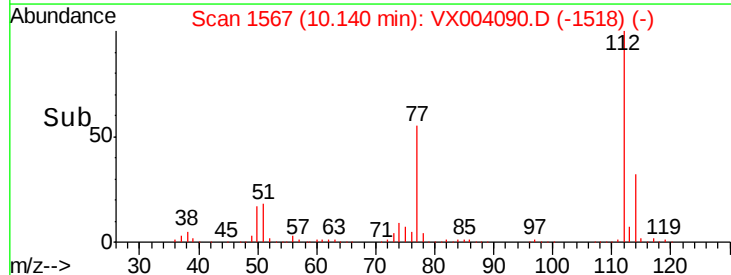
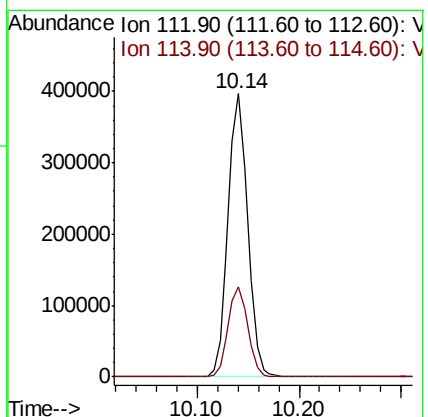
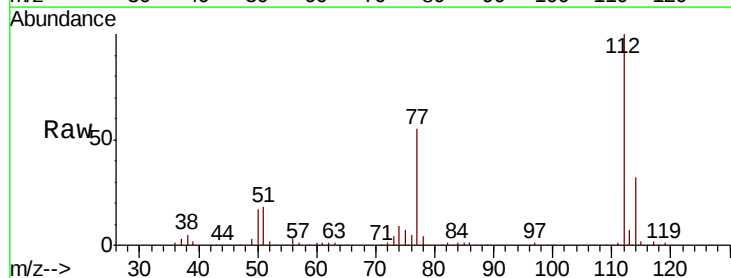
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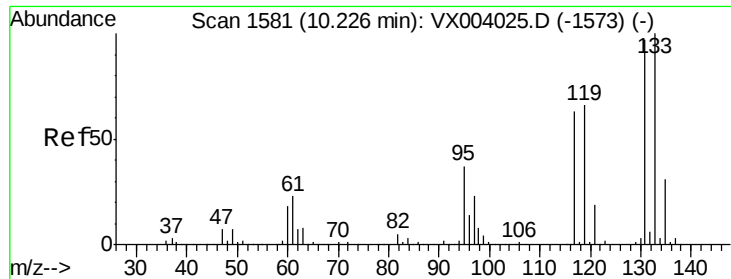
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#65
Chlorobenzene
Concen: 48.75 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	527800		
114	32.0	23.6	35.4	





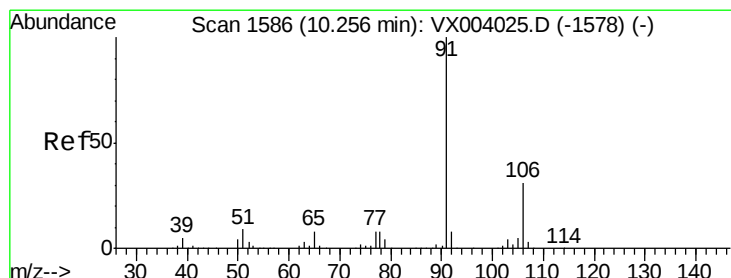
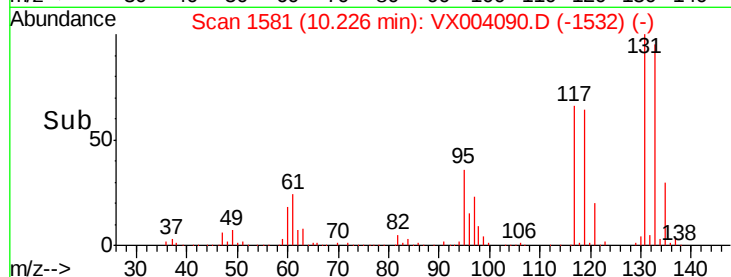
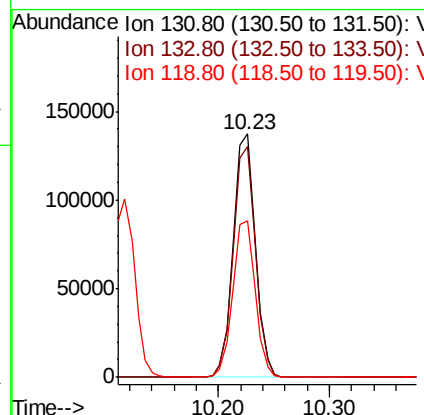
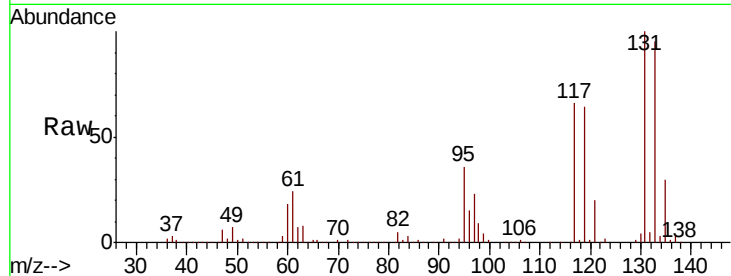
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.21 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	189095		
133	95.3	47.3	141.8	
119	65.2	31.6	94.8	

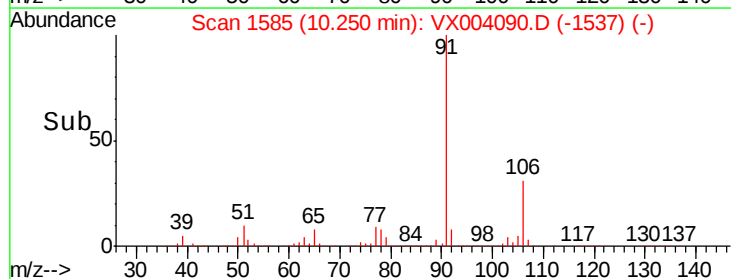
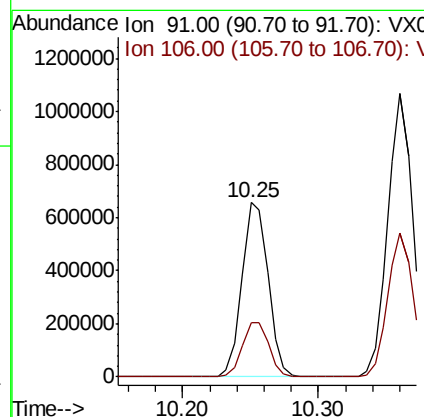
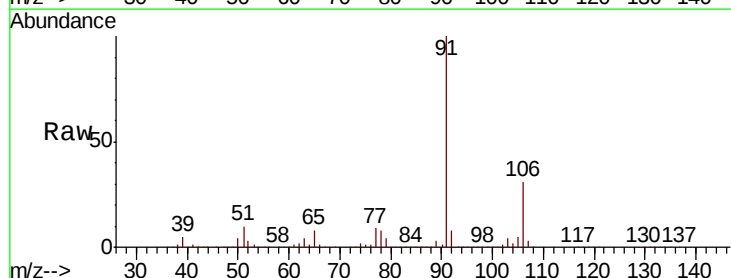
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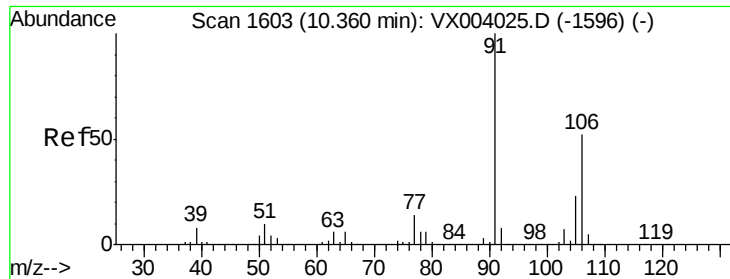
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#67
 Ethyl Benzene
 Concen: 51.66 ug/l
 RT: 10.25 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	885548		
106	31.0	25.9	38.9	





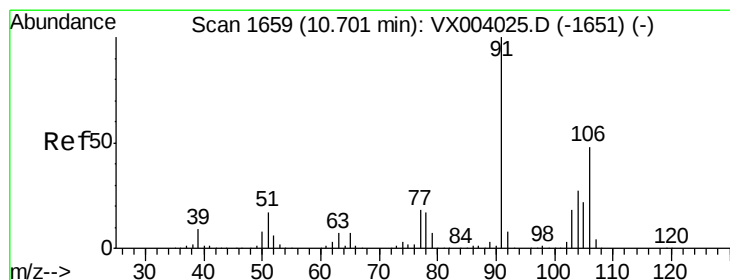
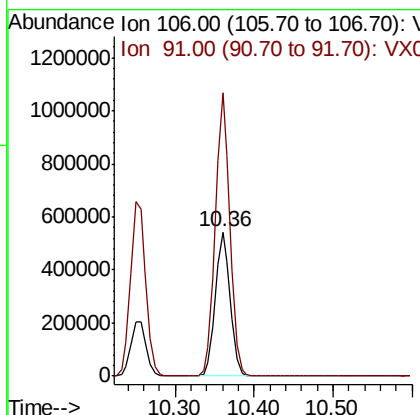
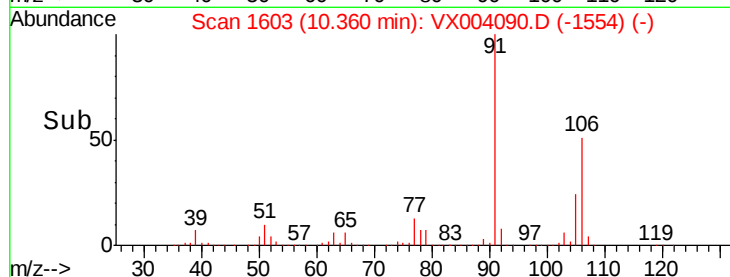
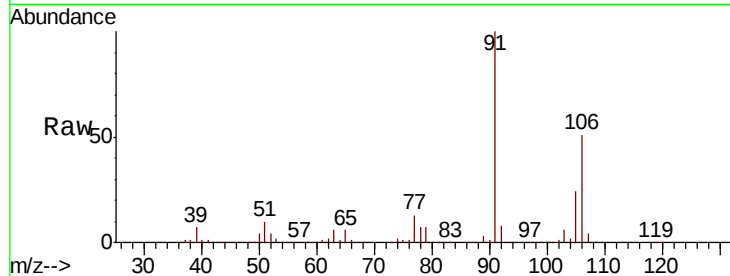
#68
m/p-Xvlenes
Concen: 105.89 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion:106 Resp: 710827
Ion Ratio Lower Upper
106 100
91 194.2 162.3 243.5

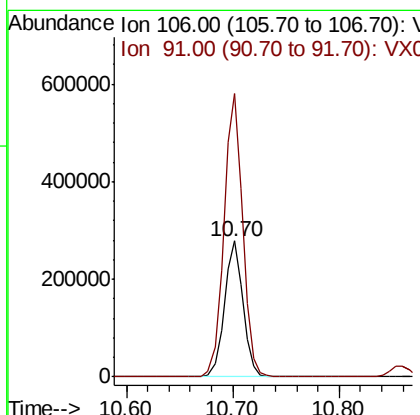
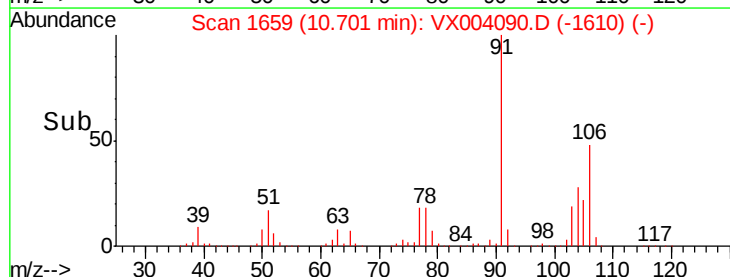
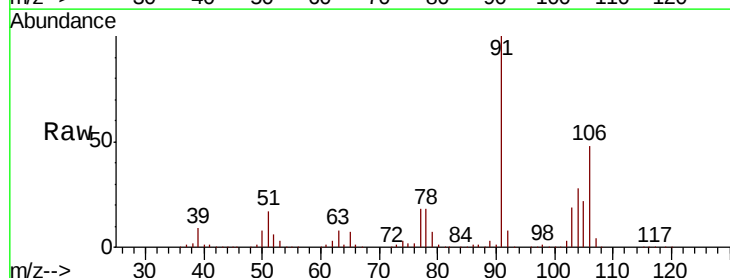
Manual Integrations
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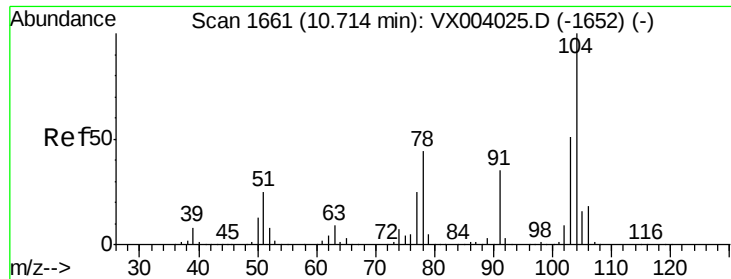
MMDadoda
8/16/2018 4:39:54 PM



#69
o-Xylene
Concen: 52.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:106 Resp: 338892
Ion Ratio Lower Upper
106 100
91 209.9 101.9 305.7





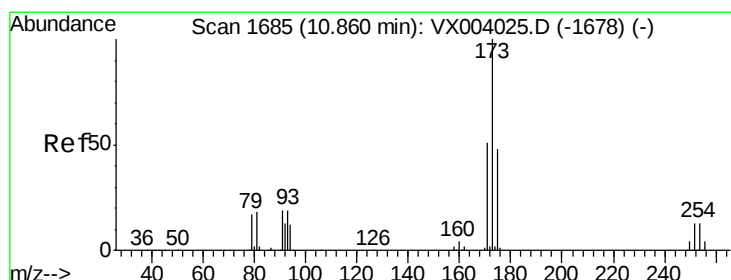
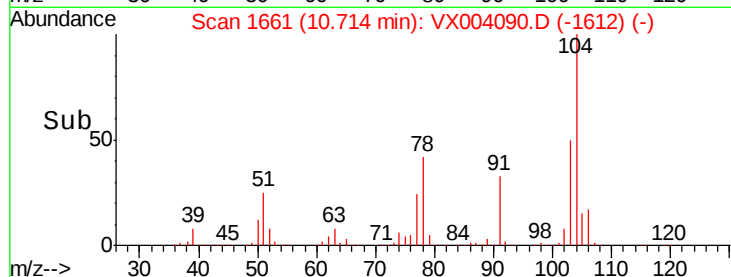
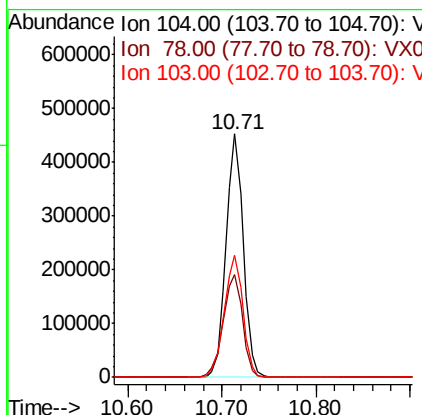
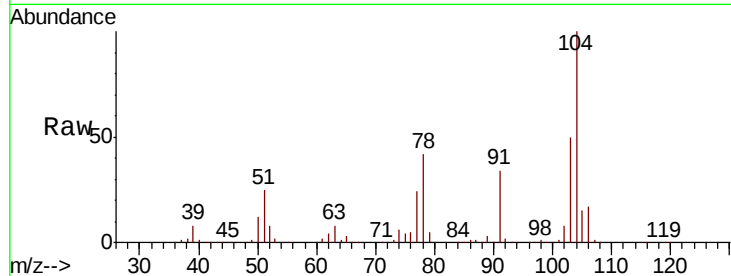
#70
Stvrene
Concen: 53.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.2	39.8	59.6
103	54.4	44.3	66.5

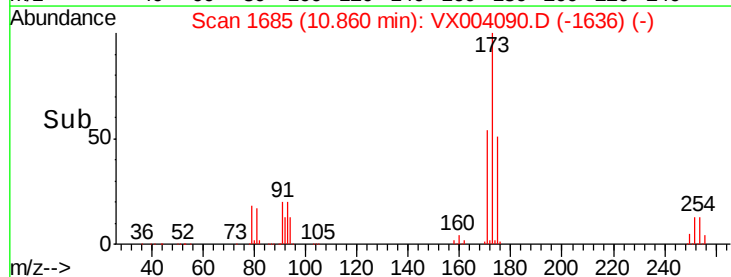
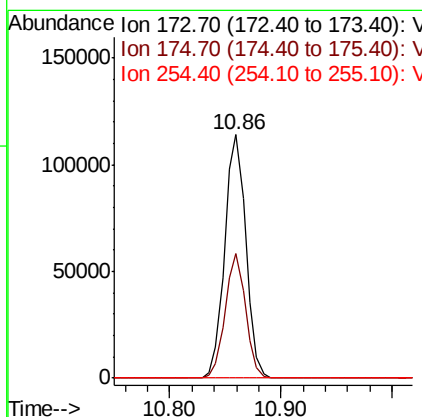
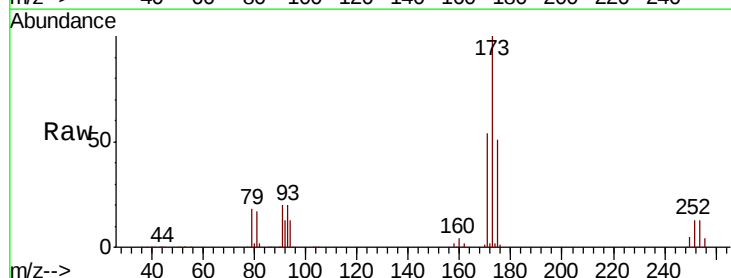
Manual Integrations
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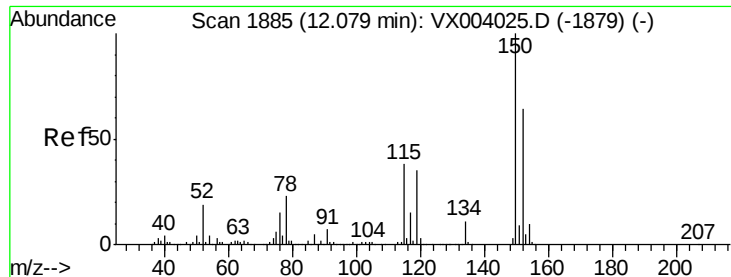
MMDadoda
8/16/2018 4:39:54 PM



#71
Bromoform
Concen: 51.17 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.7
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

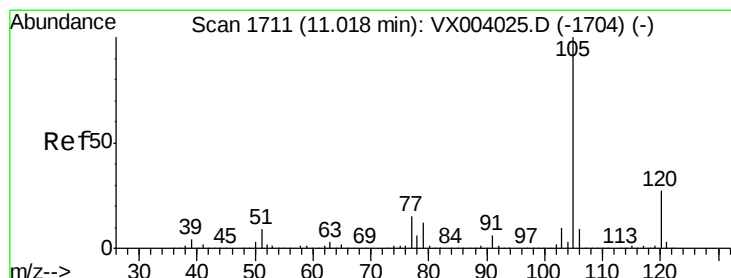
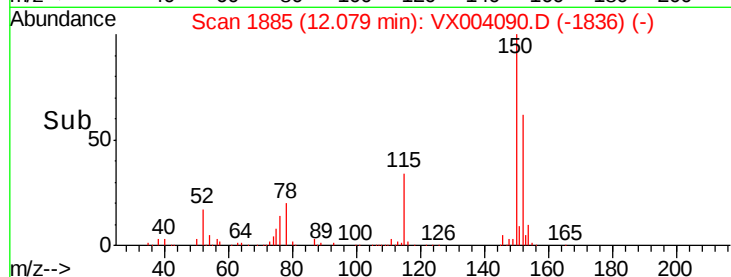
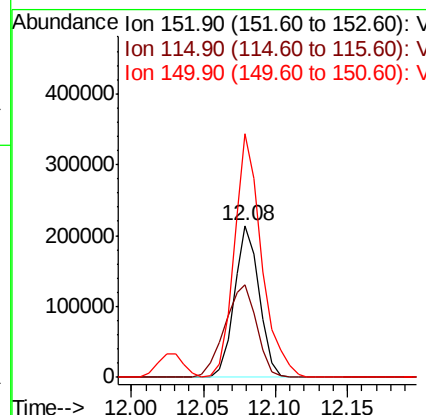
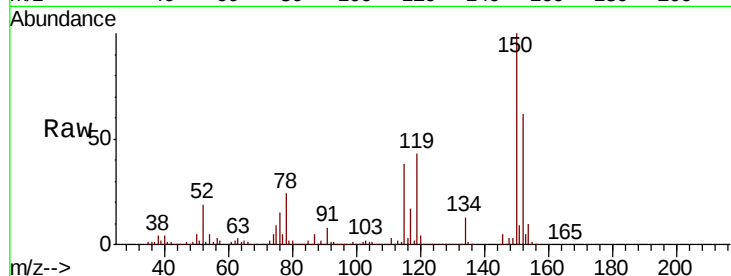
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	152	Resp:	257887
Ion Ratio	Lower	Upper	
152	100		
115	78.3	39.1	117.3
150	176.2	0.0	349.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.85 ug/l

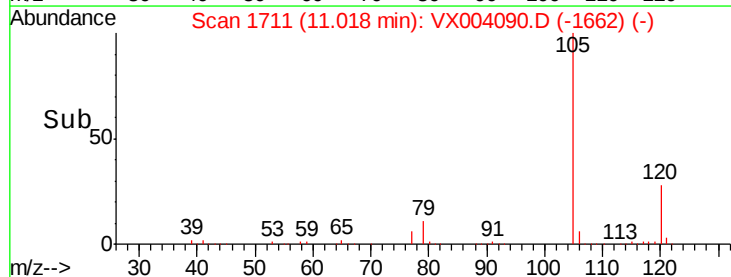
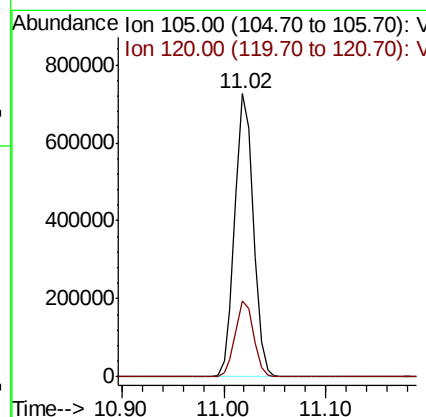
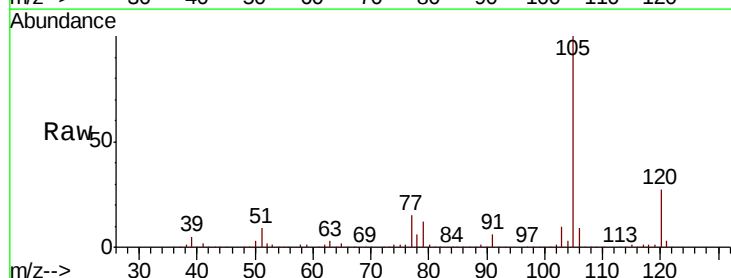
RT: 11.02 min Scan# 1711

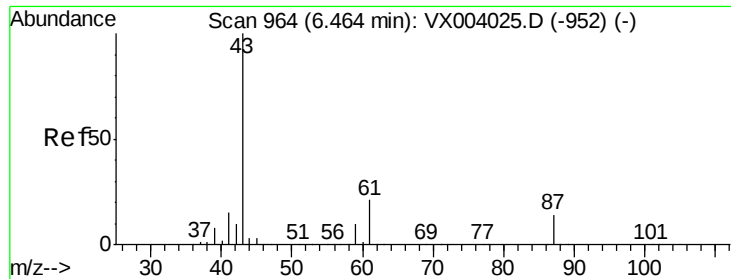
Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	105	Resp:	904884
Ion Ratio	Lower	Upper	
105	100		
120	26.8	12.6	37.8





#74

N-amvl acetate

Concen: 46.47 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

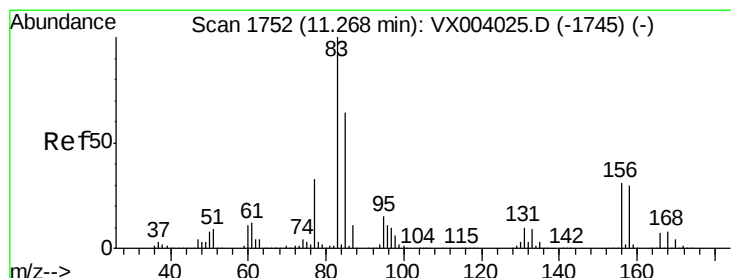
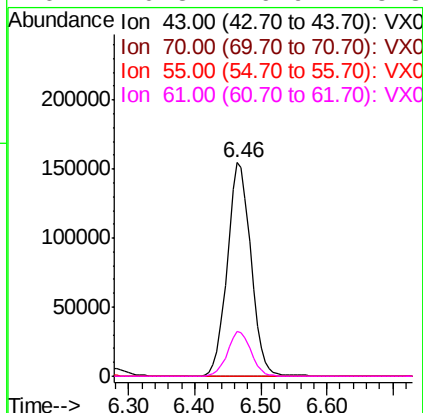
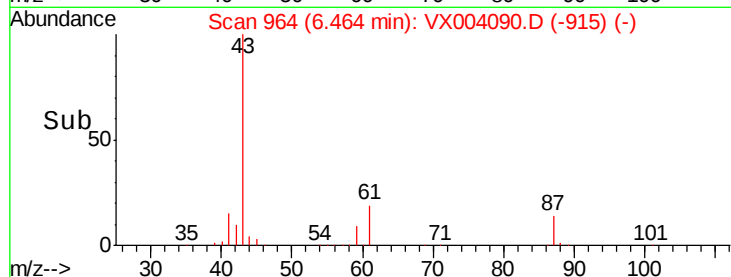
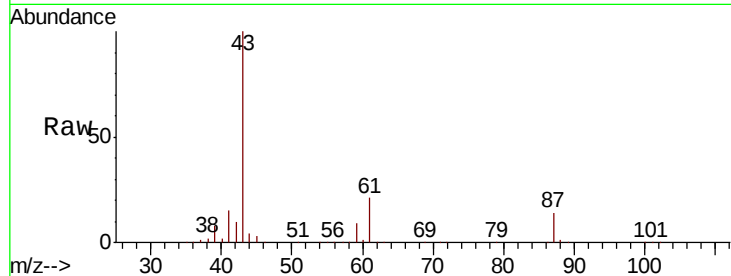
ClientSampleId :

MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	20.8	16.9	25.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.14 ug/l

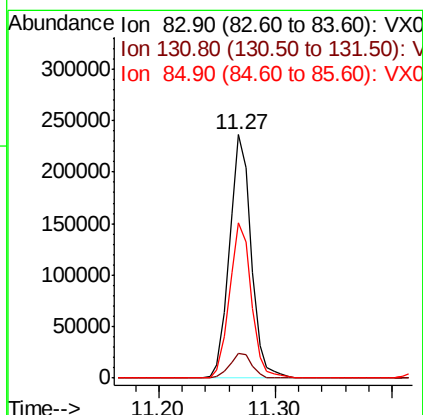
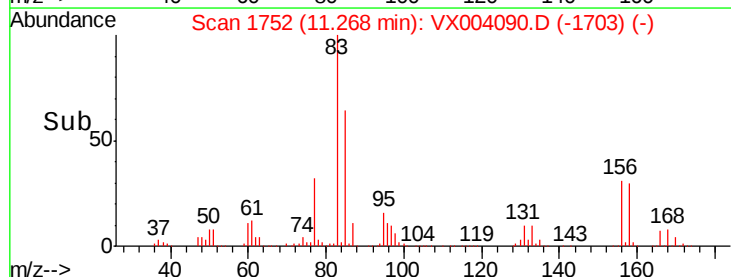
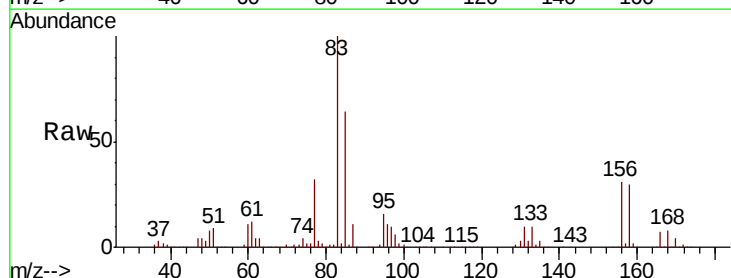
RT: 11.27 min Scan# 1752

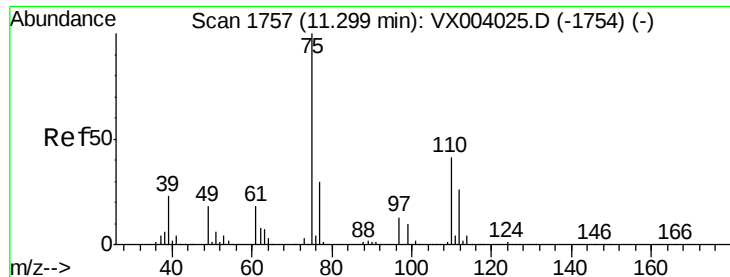
Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.5	32.2	96.6





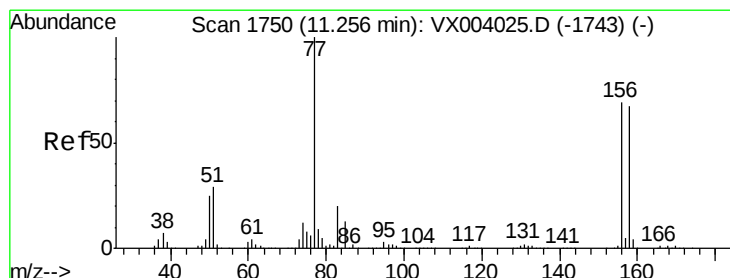
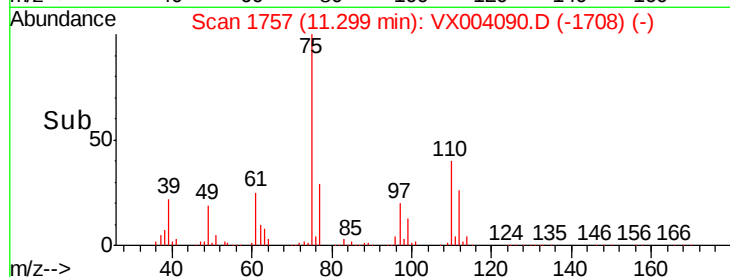
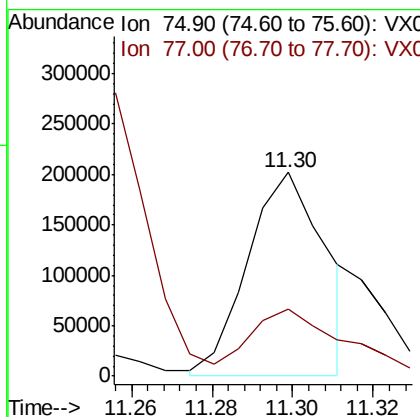
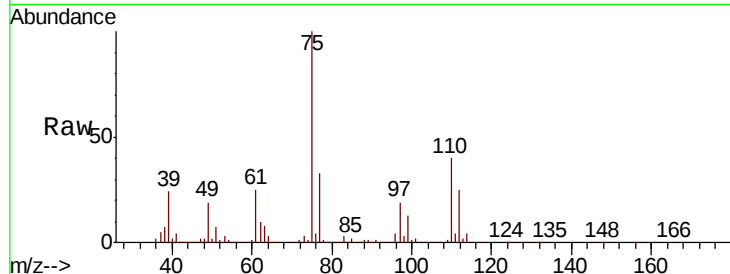
#76
 1,2,3-Trichloropropane
 Concen: 52.14 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion: 75 Resp: 269637
 Ion Ratio Lower Upper
 75 100
 77 40.6 20.8 62.5

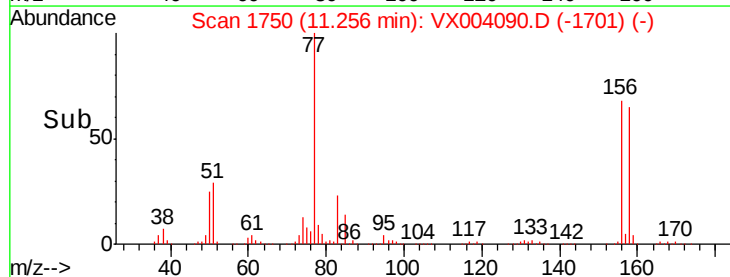
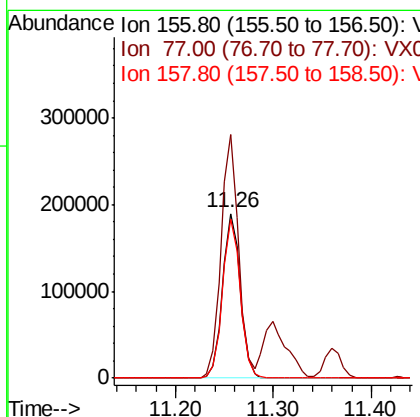
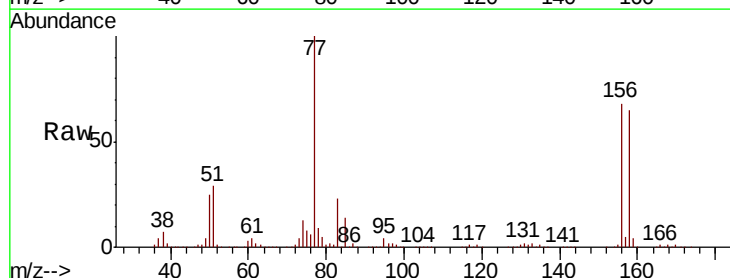
Manual Integrations
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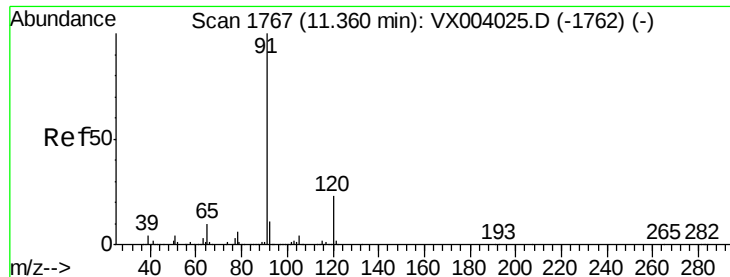
MMDadoda
 8/16/2018 4:39:54 PM



#77
 Bromobenzene
 Concen: 49.45 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 156 Resp: 237899
 Ion Ratio Lower Upper
 156 100
 77 145.9 74.1 222.2
 158 97.0 48.6 145.9





#78

n-propylbenzene

Concen: 53.08 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 91 Resp: 1036603

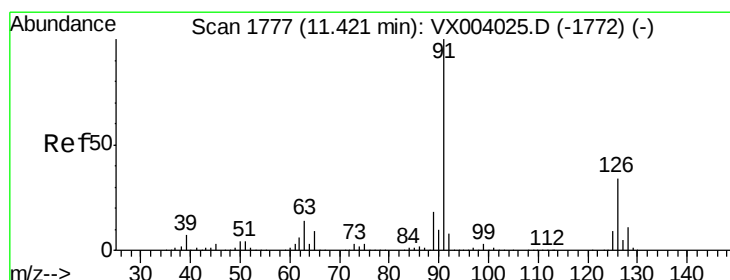
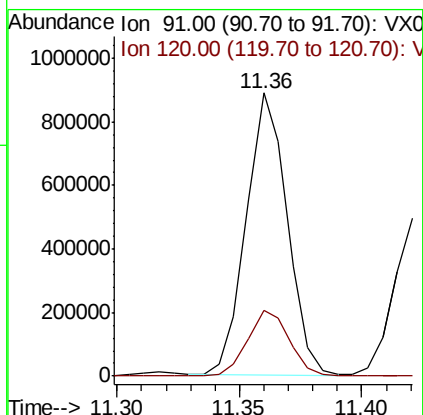
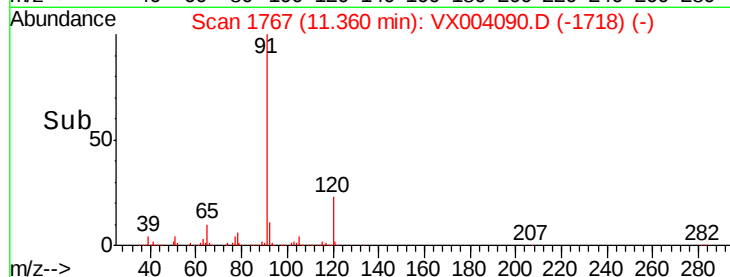
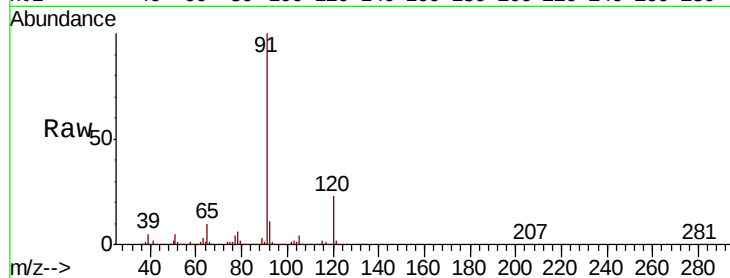
Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5

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#79

2-Chlorotoluene

Concen: 51.63 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004090.D

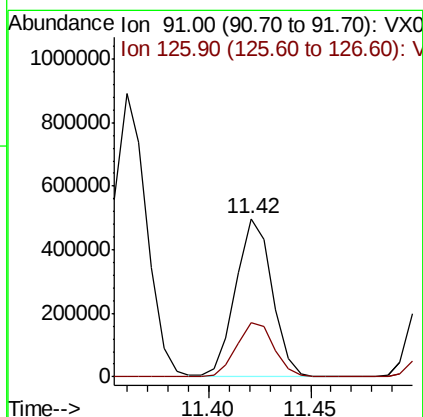
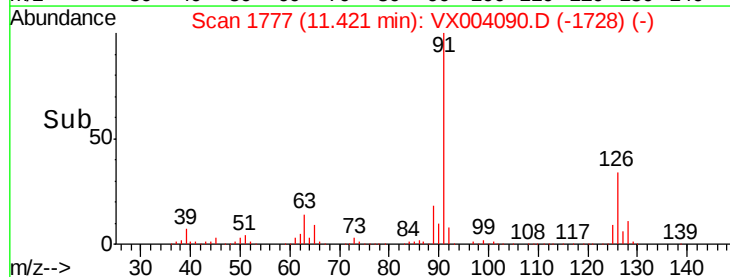
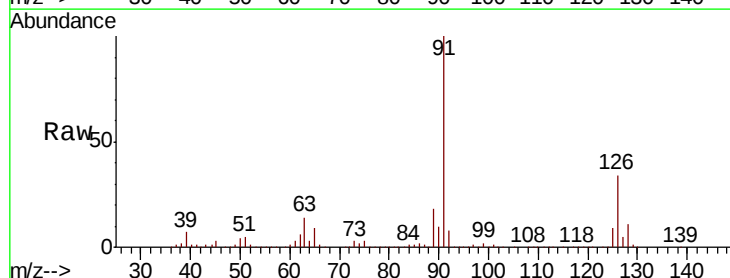
Acq: 15 Aug 2018 23:08

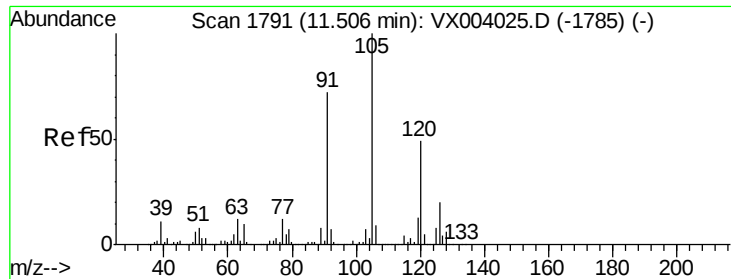
Tgt Ion: 91 Resp: 614471

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3





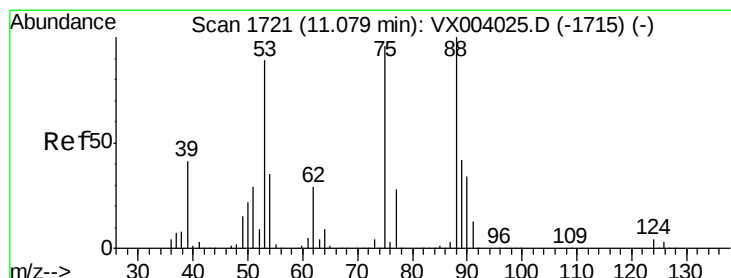
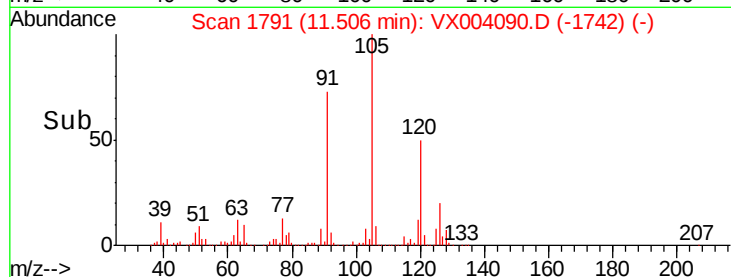
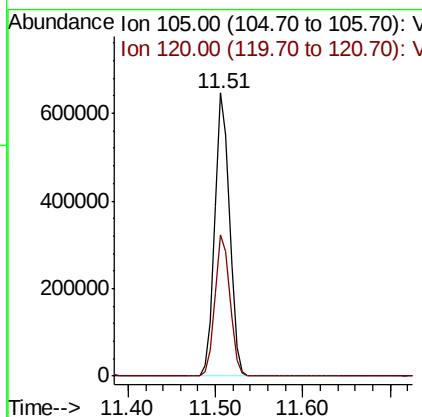
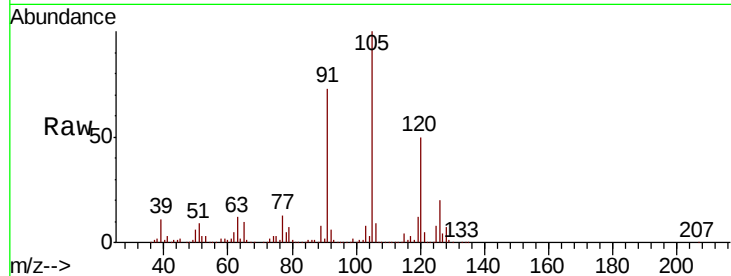
#80
 1,3,5-Trimethylbenzene
 Concen: 52.98 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.4	25.4	76.2

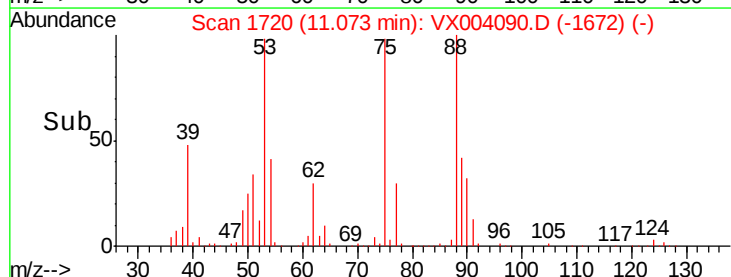
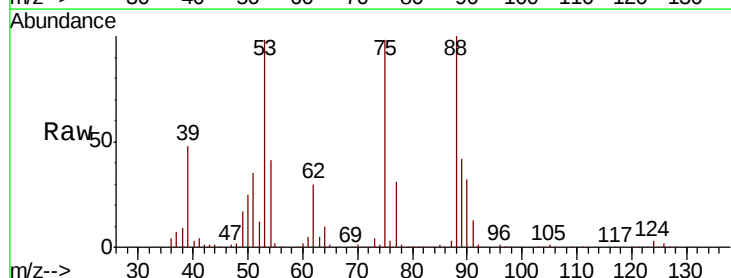
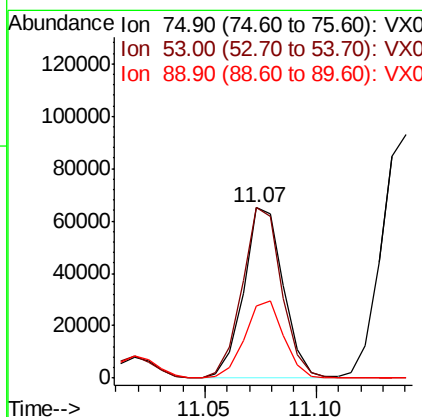
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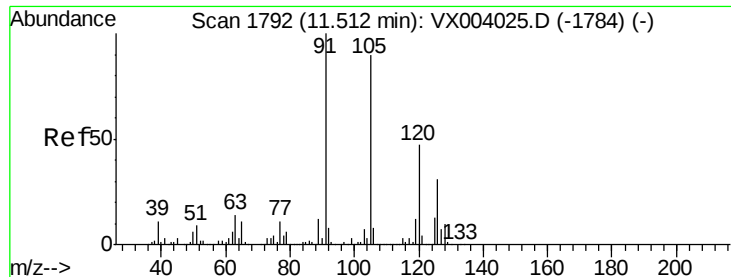
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.02 ug/l
 RT: 11.07 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.2	80.3	120.5
89	45.1	37.8	56.8





#82

4-Chlorotoluene

Concen: 51.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

Tot Ion: 91 Resp: 721512

Ion Ratio Lower Upper

91 100

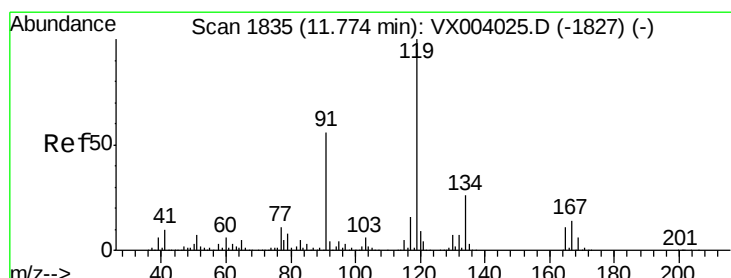
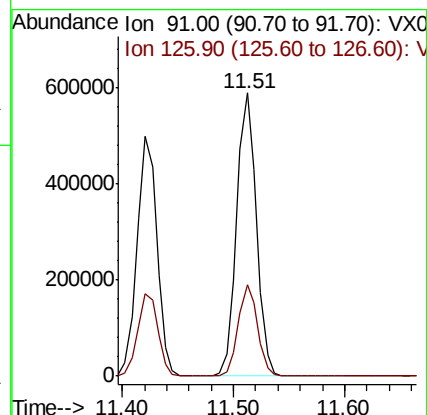
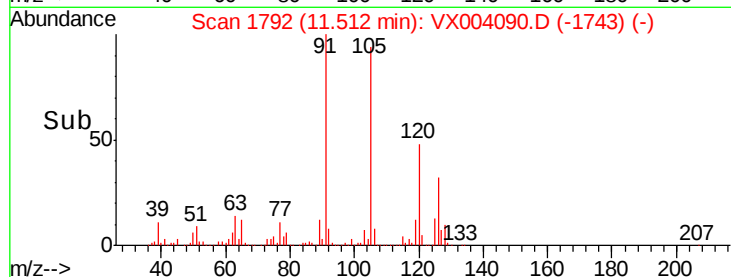
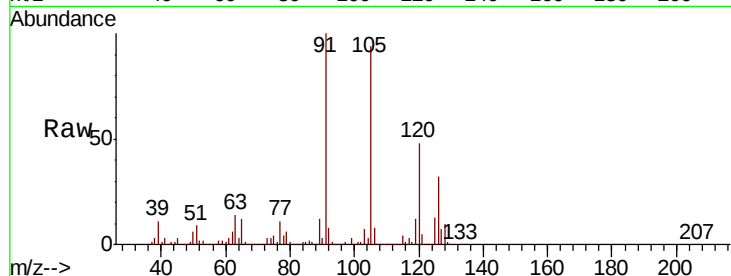
126 31.7 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.44 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

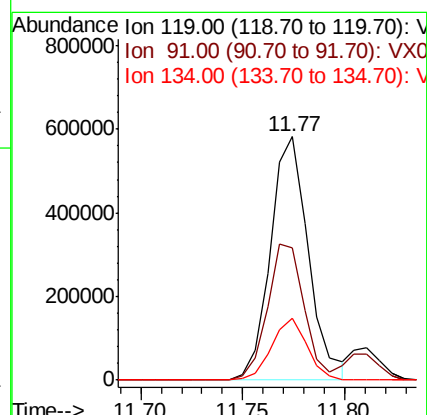
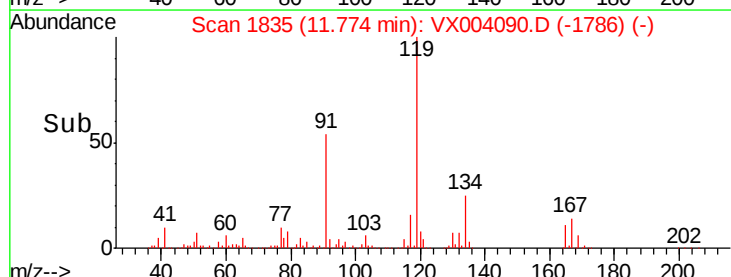
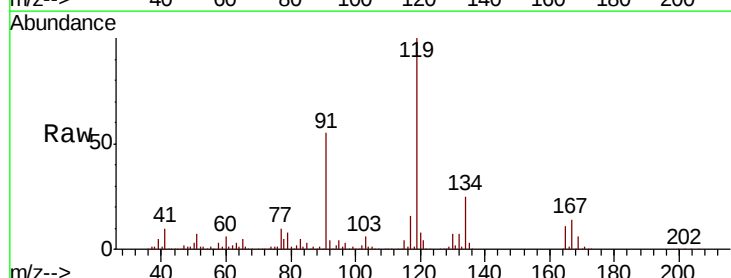
Tgt Ion: 119 Resp: 755604

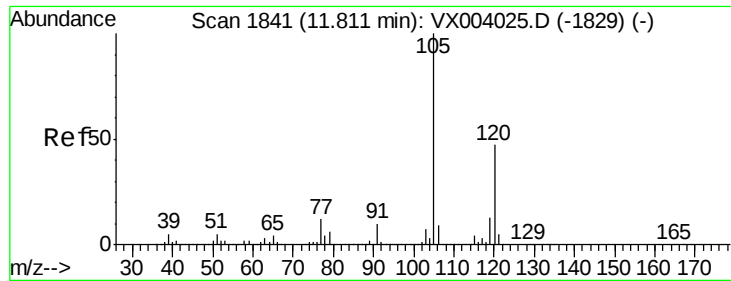
Ion Ratio Lower Upper

119 100

91 53.9 26.9 80.7

134 23.6 12.0 36.0





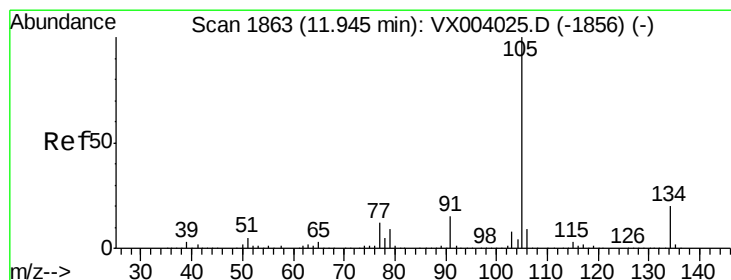
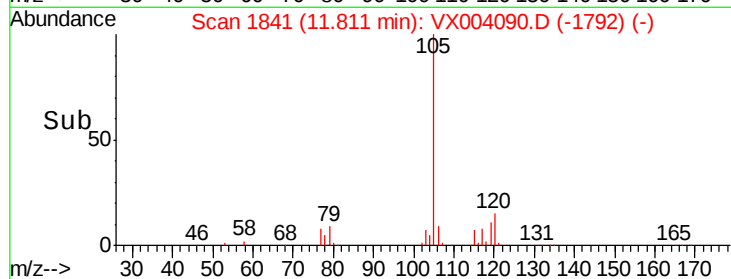
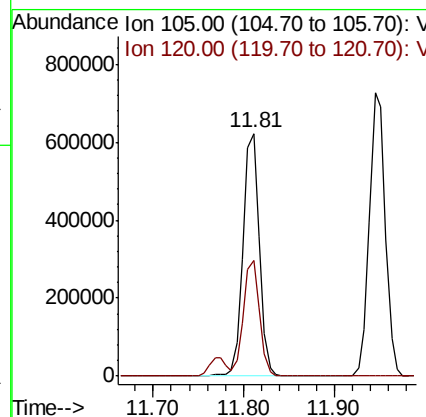
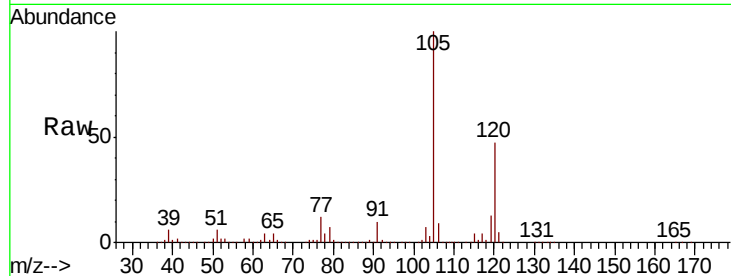
#84
 1,2,4-Trimethylbenzene
 Concen: 52.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2

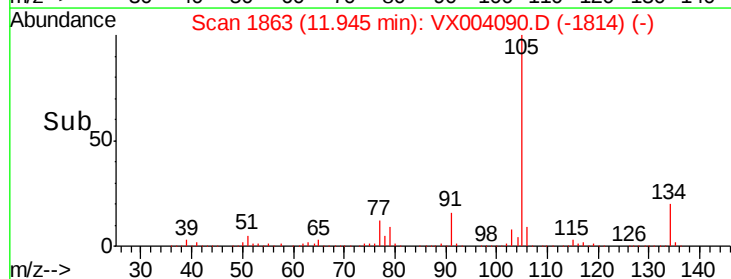
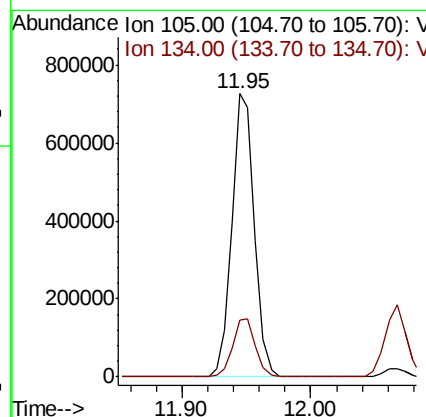
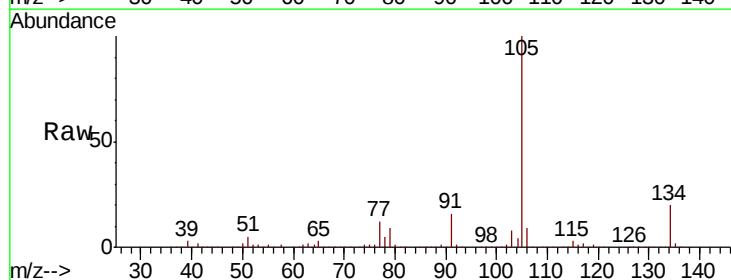
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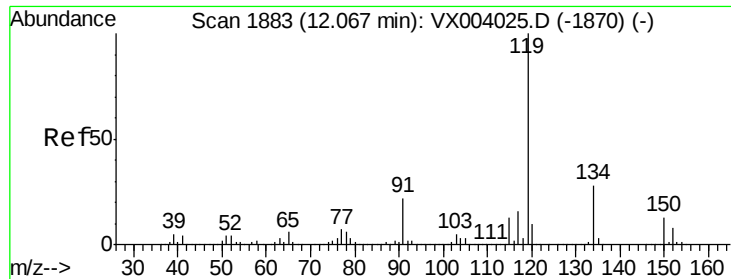
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 52.50 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9





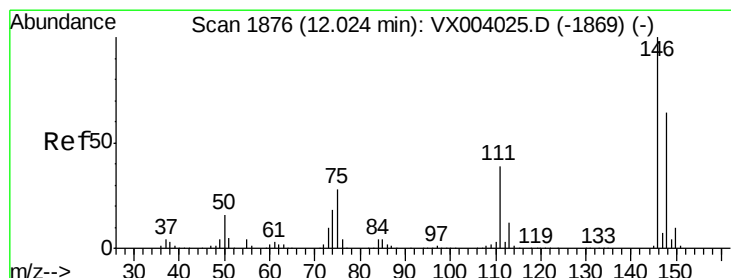
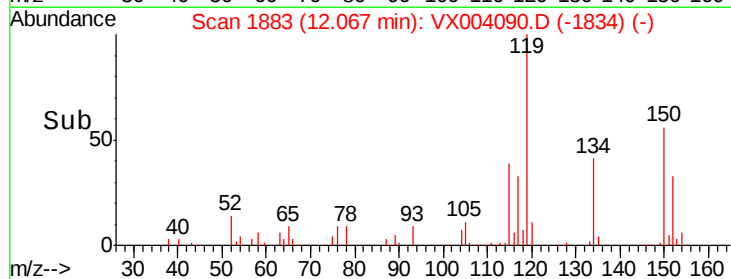
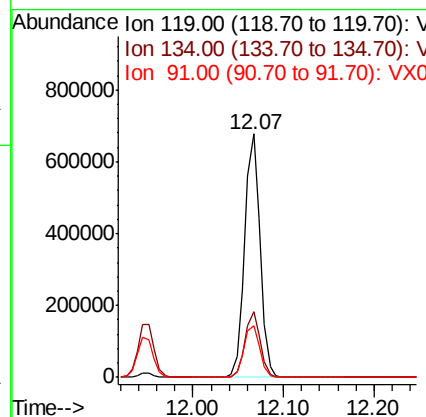
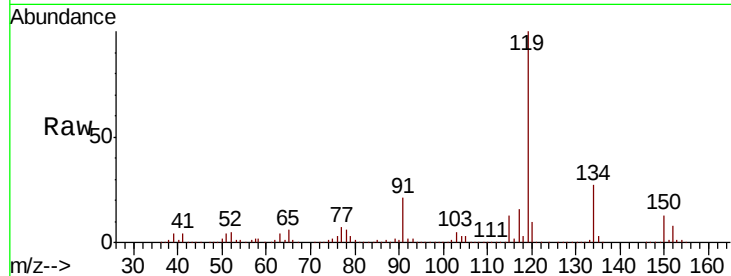
#86
 p-Isopropyltoluene
 Concen: 52.14 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	795993		
134	26.6	13.3	39.8	
91	21.9	10.9	32.7	

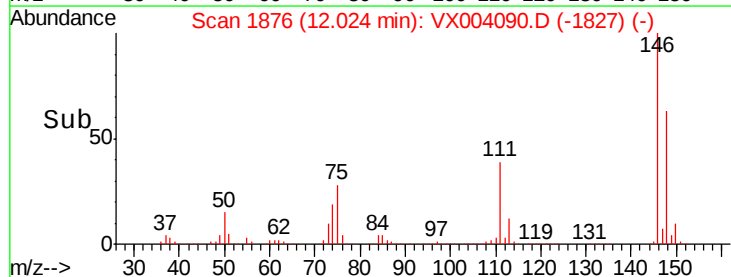
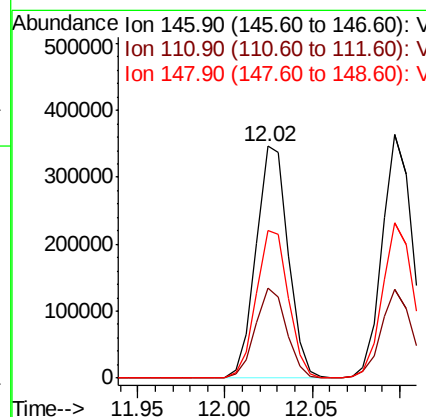
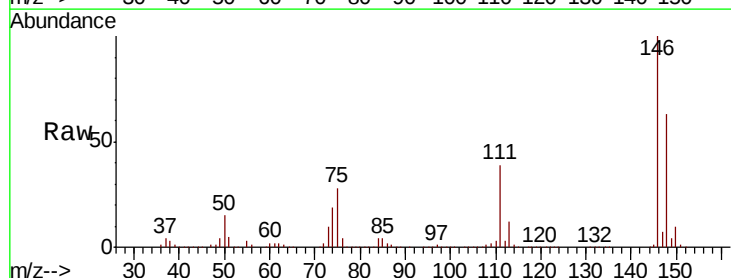
Manual Integrations
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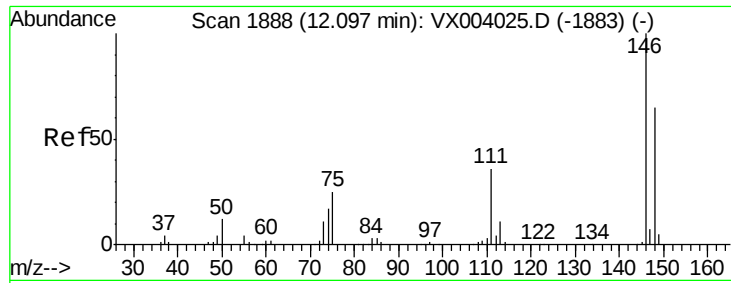
MMDadoda
 8/16/2018 4:39:54 PM



#87
 1,3-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	443175		
111	37.6	18.8	56.4	
148	63.6	31.9	95.5	





#88

1,4-Dichlorobenzene

Concen: 46.44 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

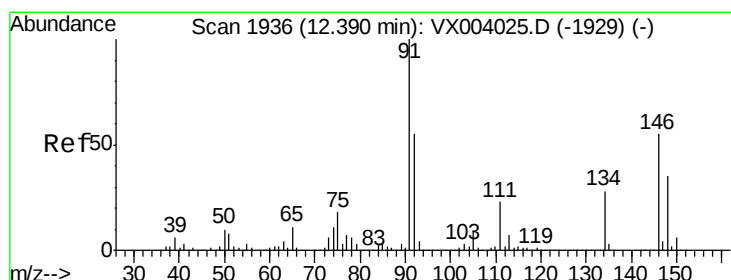
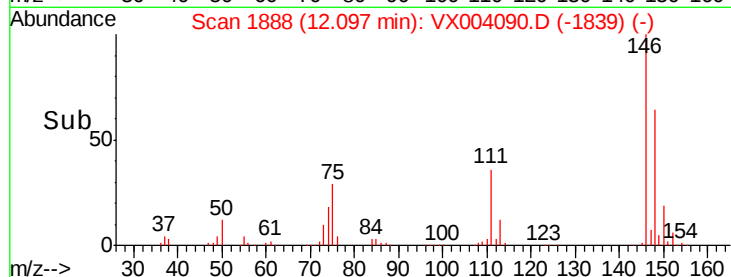
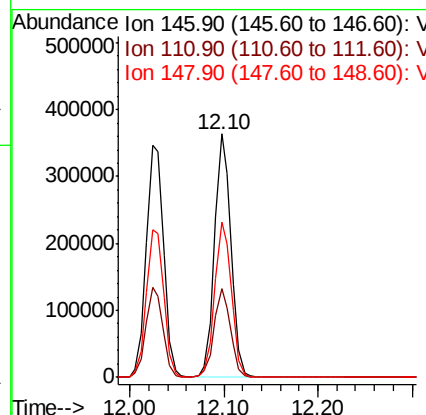
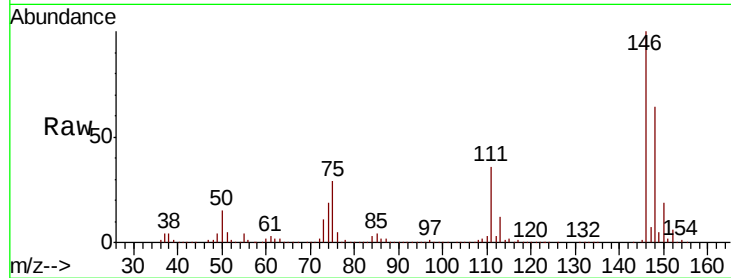
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	146	Resp:	438545
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.4	55.0
148	64.9	32.3	96.8

Manual Integrations
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#89

n-Butylbenzene

Concen: 49.18 ug/l

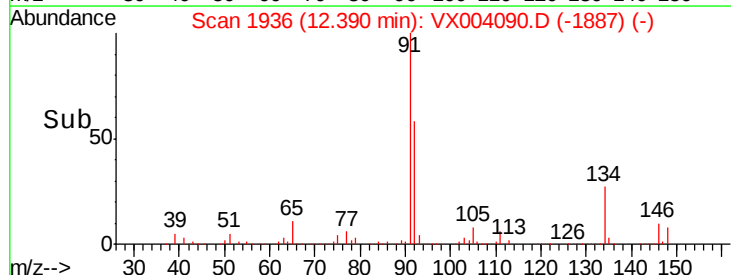
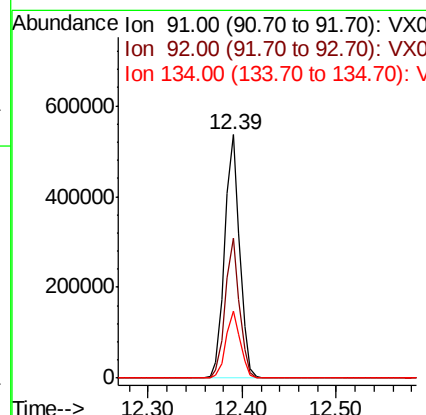
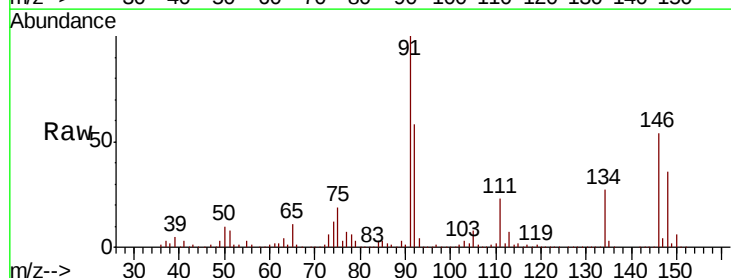
RT: 12.39 min Scan# 1936

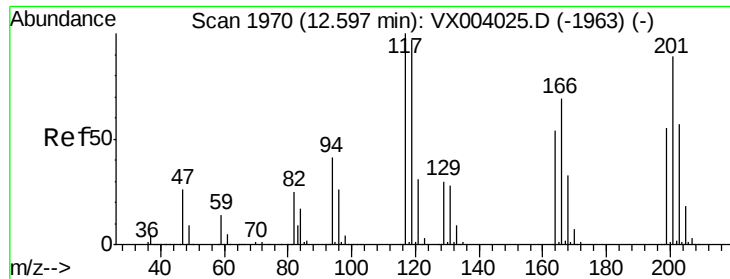
Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	91	Resp:	591665
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.1	81.3
134	26.6	13.6	40.7





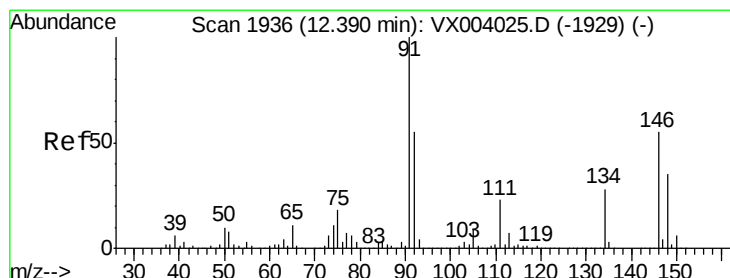
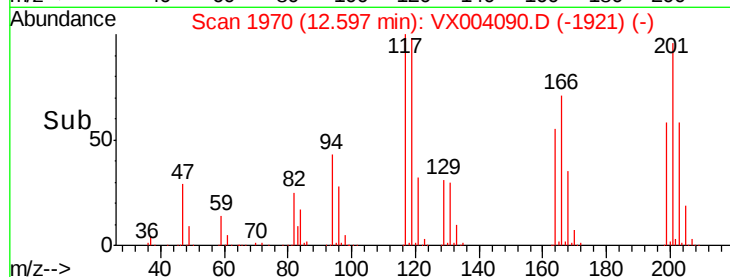
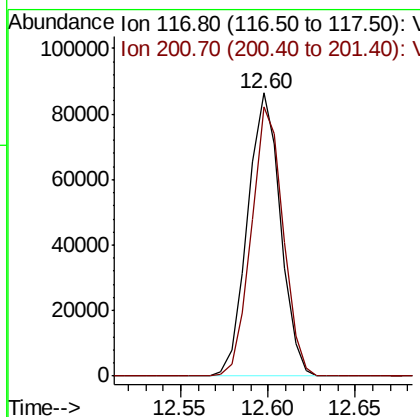
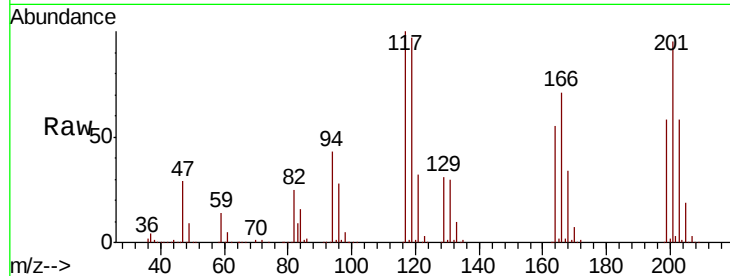
#90
Hexachloroethane
Concen: 49.35 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	92.1	46.1	138.2

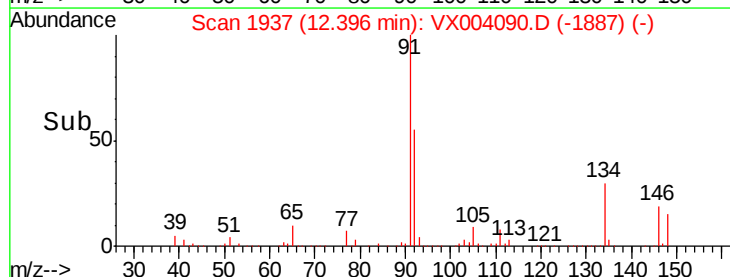
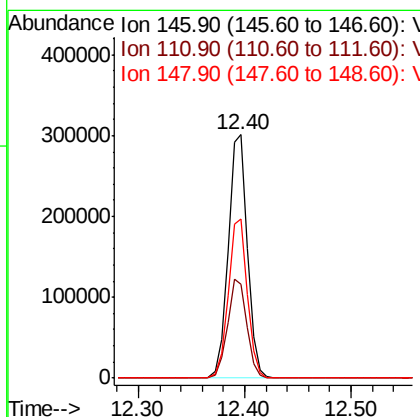
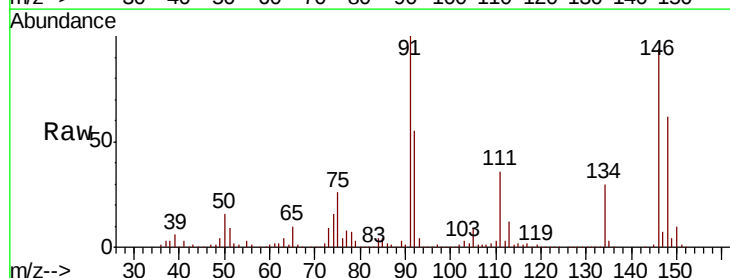
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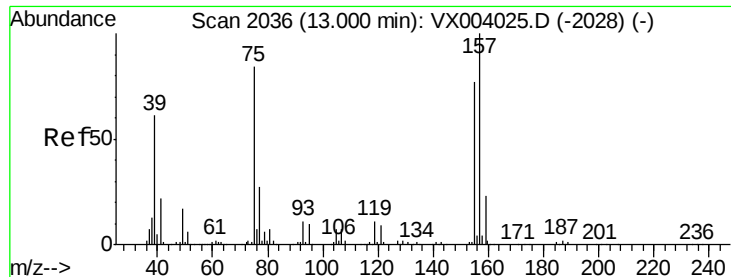
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#91
1,2-Dichlorobenzene
Concen: 45.72 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.7	59.0
148	64.9	31.9	95.5





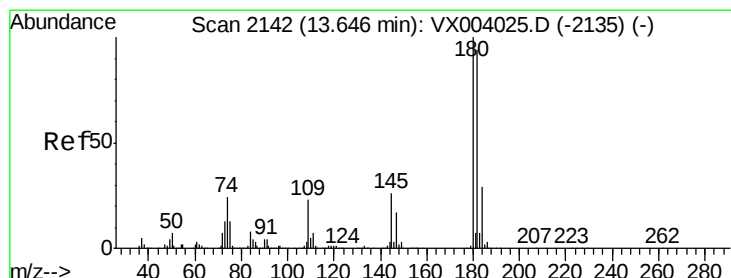
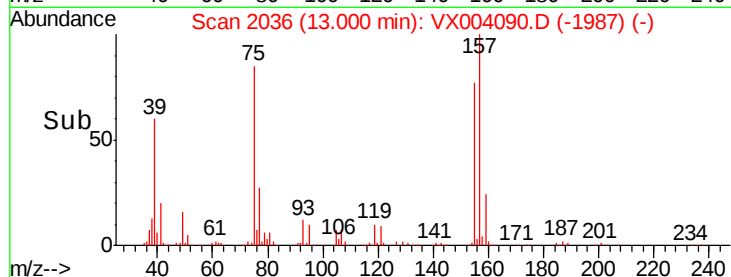
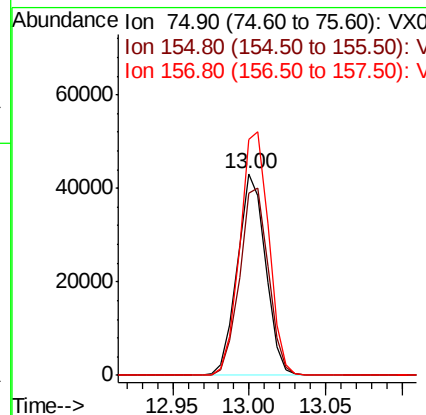
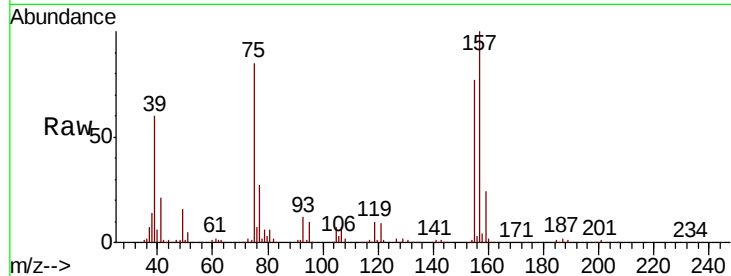
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.31 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.7	48.7	146.1
157	123.9	62.6	187.8

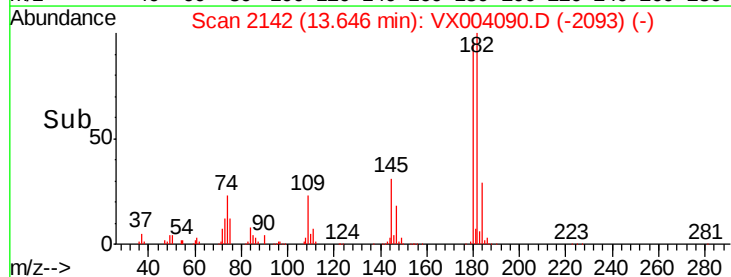
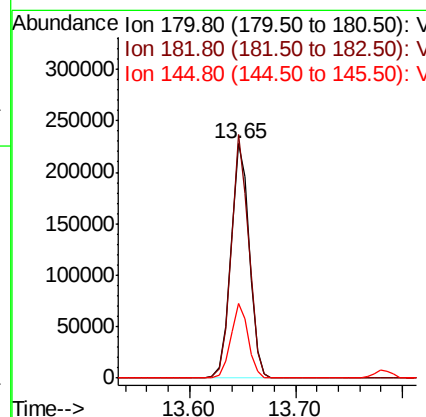
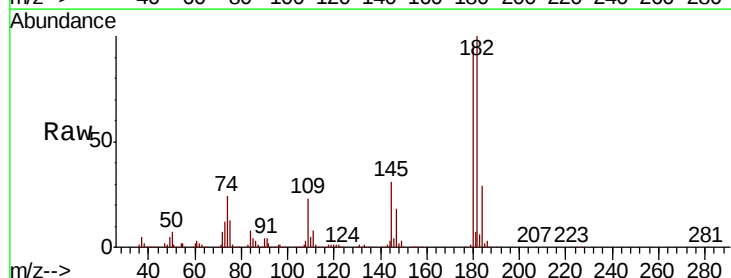
Manual Integrations
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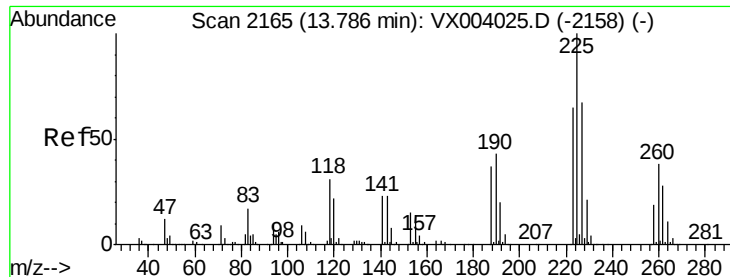
MMDadoda
 8/16/2018 4:39:54 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.70 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	47.7	143.1
145	30.1	13.9	41.6





#94

Hexachlorobutadiene

Concen: 43.93 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

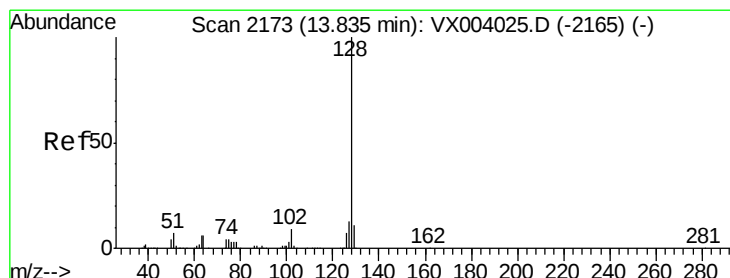
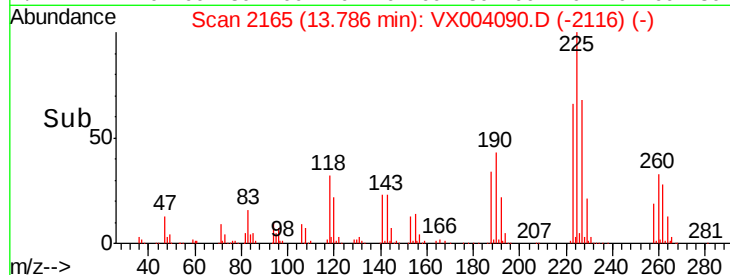
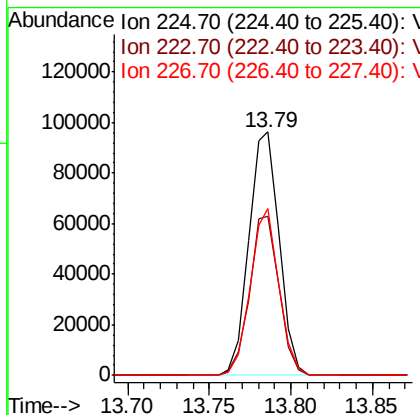
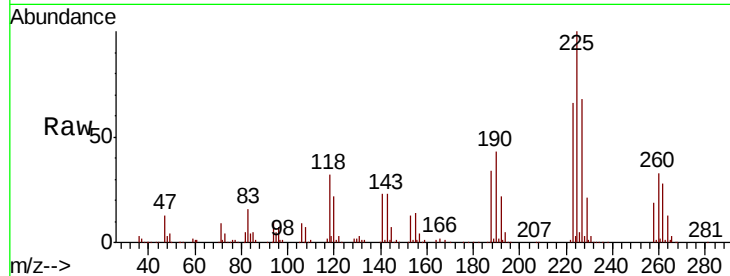
ClientSampleId :

MW-295-SRI3MSD

Tot Ion:	225	Resp:	124557
Ion Ratio		Lower	Upper
225	100		
223	63.8	31.4	94.0
227	64.4	32.1	96.5

Manual Integrations
APPROVED

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8/16/2018 4:39:54 PM



#95

Naphthalene

Concen: 52.50 ug/l

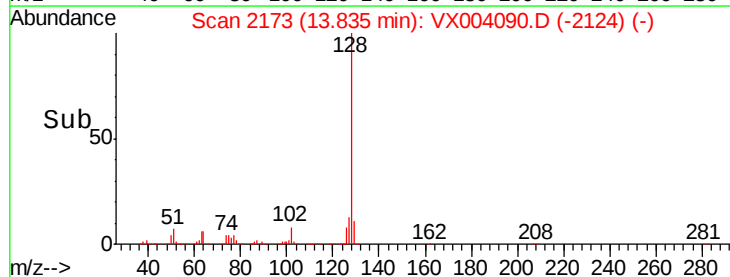
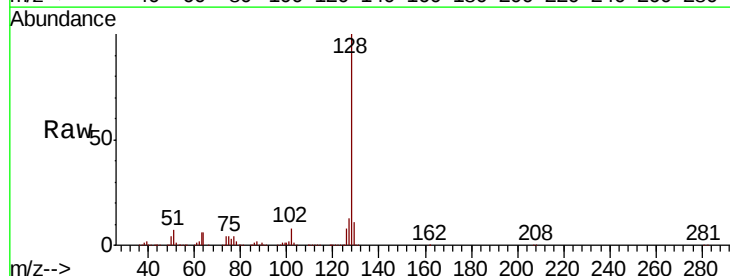
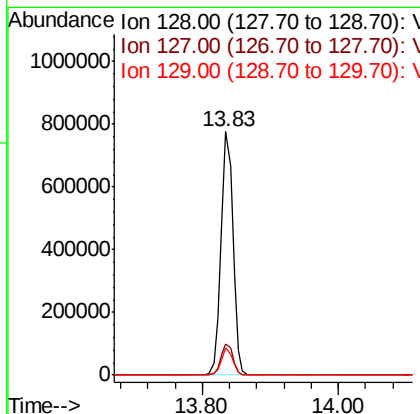
RT: 13.83 min Scan# 2173

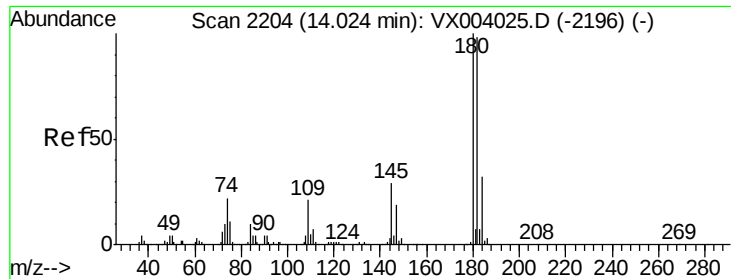
Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion:	128	Resp:	947618
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.5	8.8	13.2





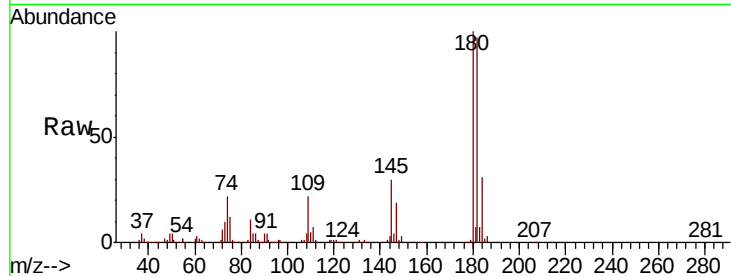
#96
 1,2,3-Trichlorobenzene
 Concen: 51.05 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	48.1	144.4
145	29.8	14.9	44.7

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:54 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

