

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004089.D
 Acq On : 15 Aug 2018 22:41
 Operator : JC/MD
 Sample : J4439-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:49 PM

Quant Time: Aug 16 07:08:52 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	287070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216906	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	5.50	113	177483	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	8.72	98	691939	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	255776	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137690	49.27	ug/l	100
3) Chloromethane	1.32	50	163908	47.80	ug/l	99
4) Vinyl Chloride	1.40	62	181508	48.92	ug/l	98
5) Bromomethane	1.64	94	95930	51.02	ug/l	100
6) Chloroethane	1.72	64	126800	52.03	ug/l	96
7) Trichlorofluoromethane	1.93	101	254209	48.84	ug/l	99
8) Diethyl Ether	2.18	74	112655	49.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155176	47.79	ug/l	100
10) Methyl Iodide	2.51	142	160296	46.60	ug/l	99
11) Tert butyl alcohol	3.05	59	227835	279.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147368	48.80	ug/l	97
13) Acrolein	2.29	56	121945	221.96	ug/l	100
14) Allyl chloride	2.73	41	275204	47.89	ug/l	98
15) Acrylonitrile	3.15	53	556553	274.06	ug/l	100
16) Acetone	2.44	43	547034	260.13	ug/l	100
17) Carbon Disulfide	2.57	76	407376	47.56	ug/l	99
18) Methyl Acetate	2.77	43	229401	49.09	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	543426	51.07	ug/l	100
20) Methylene Chloride	2.85	84	177347	51.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	167205	48.75	ug/l	98
22) Diisopropyl ether	3.87	45	579368	51.45	ug/l	97
23) Vinyl Acetate	3.82	43	2316899	250.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	325597	51.05	ug/l	100
25) 2-Butanone	4.70	43	891624	260.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176951	34.90	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	190000	49.26	ug/l	96
28) Bromochloromethane	5.02	49	153466	52.45	ug/l	99
29) Tetrahydrofuran	5.16	42	449135	256.92	ug/l	99
30) Chloroform	5.21	83	318411	51.16	ug/l	97
31) Cyclohexane	5.57	56	260259	46.55	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	265668	51.08	ug/l	99
36) 1,1-Dichloropropene	5.80	75	231512	47.01	ug/l	100
37) Ethyl Acetate	4.86	43	247992	46.24	ug/l	99
38) Carbon Tetrachloride	5.78	117	242624	50.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	262730	47.03	ug/l	99
40) Benzene	6.15	78	723163	48.91	ug/l	99
41) Methacrylonitrile	5.06	41	144395	48.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	253536	48.98	ug/l	100
43) Isopropyl Acetate	6.47	43	379059	47.96	ug/l	100
44) Trichloroethene	7.21	130	215109	53.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	184971	48.86	ug/l	100
46) Dibromomethane	7.66	93	123112	49.77	ug/l	99
47) Bromodichloromethane	7.90	83	238091	50.82	ug/l	100
48) Methyl methacrylate	7.78	41	210763	52.97	ug/l	99
49) 1,4-Dioxane	7.76	88	97782	1091.50	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1758205	271.28	ug/l	100
52) Toluene	8.79	92	463605	49.57	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	248113	49.02	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	263527	47.01	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	191319	49.54	ug/l	98
56) Ethyl methacrylate	9.18	69	276981	52.74	ug/l	99
57) 1,3-Dichloropropane	9.37	76	320391	50.00	ug/l	100
59) 2-Hexanone	9.50	43	1355573	277.90	ug/l	100
60) Dibromochloromethane	9.59	129	190668	51.30	ug/l	100
61) 1,2-Dibromoethane	9.68	107	199230	50.61	ug/l	99
64) Tetrachloroethene	9.34	164	194629	48.82	ug/l	95
65) Chlorobenzene	10.14	112	517303	47.61	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	185952	50.18	ug/l	98
67) Ethyl Benzene	10.26	91	875680	50.90	ug/l	99
68) m/p-Xylenes	10.36	106	690325	102.46	ug/l	99
69) o-Xylene	10.70	106	327755	50.90	ug/l	94
70) Stvrene	10.71	104	570226	52.62	ug/l	98
71) Bromoform	10.86	173	150155	51.10	ug/l	99
73) Isopropylbenzene	11.02	105	890612	50.76	ug/l	97
74) N-amyl acetate	6.47	43	379059	45.93	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	304462	49.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	264833m	50.94	ug/l	
77) Bromobenzene	11.26	156	235660	48.73	ug/l	100
78) n-propylbenzene	11.36	91	1016795	51.79	ug/l	99
79) 2-Chlorotoluene	11.42	91	606033	50.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	744137	51.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79892	47.57	ug/l	99
82) 4-Chlorotoluene	11.51	91	712988	50.41	ug/l	100
83) tert-Butylbenzene	11.77	119	731641	50.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	769064	51.69	ug/l	99
85) sec-Butylbenzene	11.95	105	860879	50.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	768175	50.05	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	423899	45.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	418695	44.10	ug/l	98
89) n-Butylbenzene	12.39	91	557320	46.09	ug/l	100
90) Hexachloroethane	12.60	117	110193	47.99	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	376111	45.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53645	49.82	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	275548	48.46	ug/l	99

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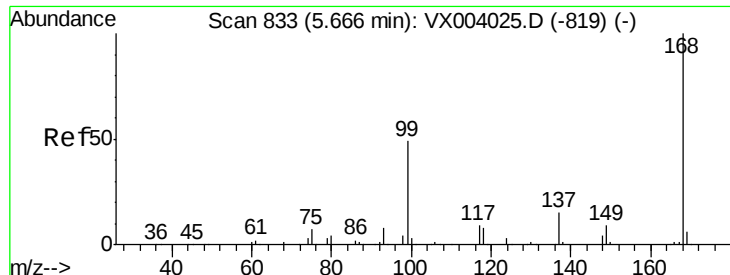
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	120283	42.20	ug/l	98
95) Naphthalene	13.83	128	924946	51.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	311327	50.21	ug/l	100

(#) = 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: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion:168 Resp: 287070

Ion Ratio Lower Upper

168 100

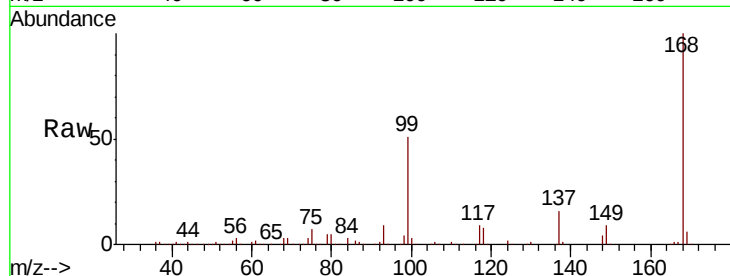
99 50.4 40.1 60.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

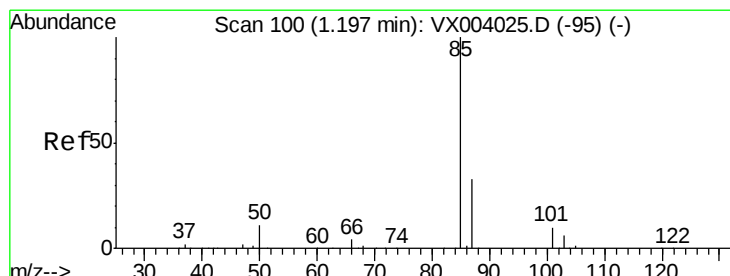
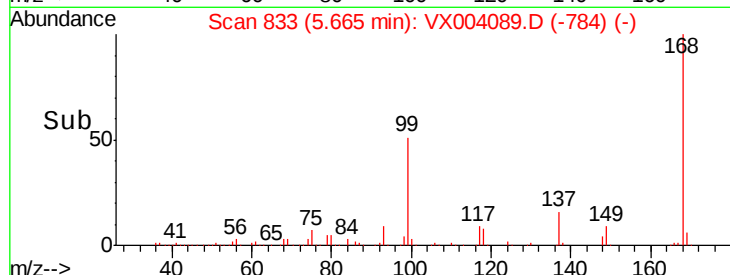
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.27 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004089.D

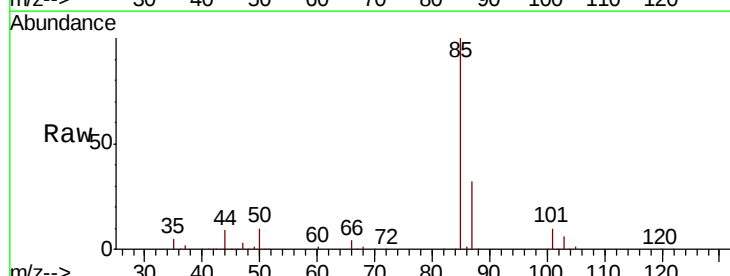
Acq: 15 Aug 2018 22:41

Tgt Ion: 85 Resp: 137690

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

50000

0

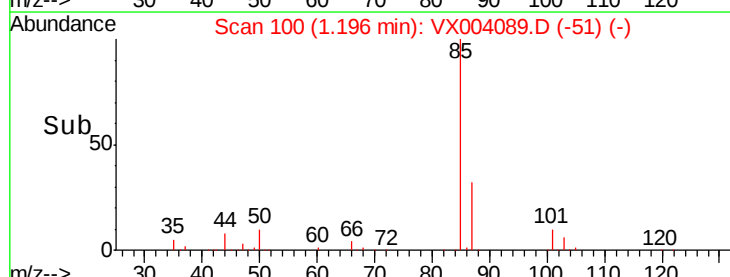
1.15

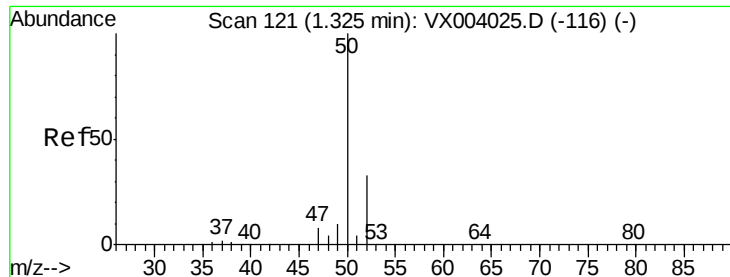
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 47.80 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 50 Resp: 163908

Ion Ratio Lower Upper

50 100

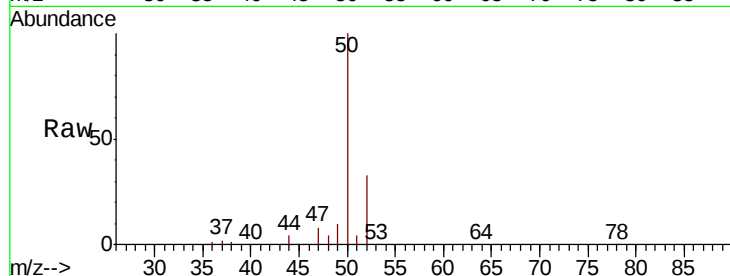
52 32.8 26.6 39.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

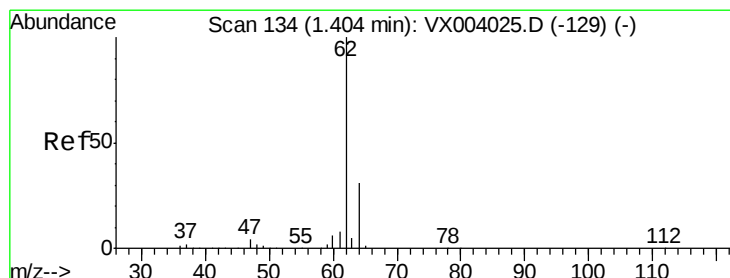
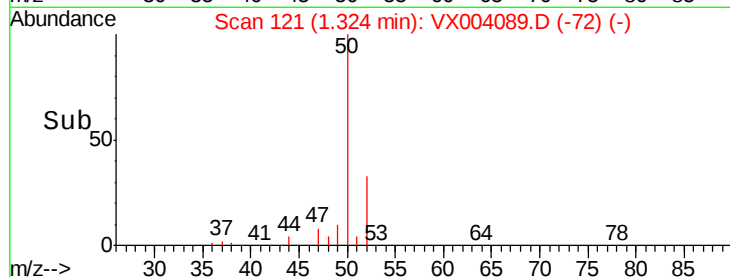
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004089.D

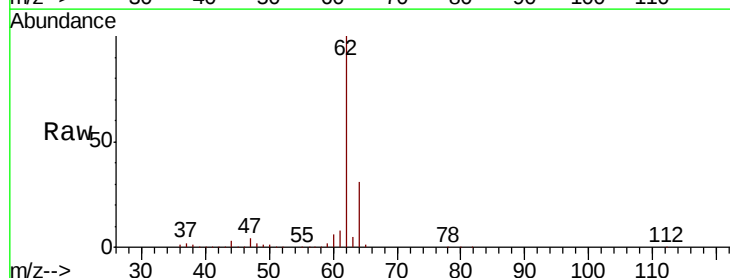
Acq: 15 Aug 2018 22:41

Tgt Ion: 62 Resp: 181508

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

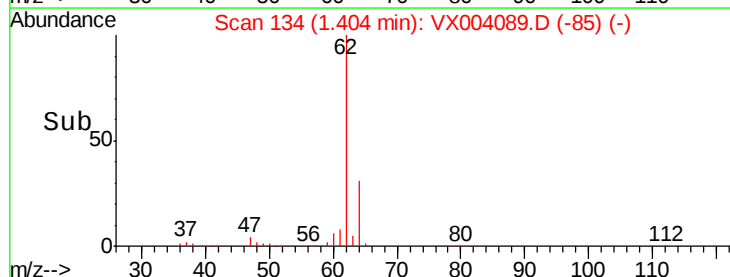
150000

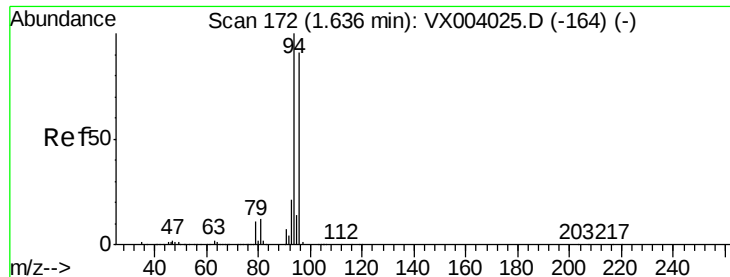
100000

50000

0

Time-->





#5

Bromomethane

Concen: 51.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 94 Resp: 95930

Ion Ratio Lower Upper

94 100

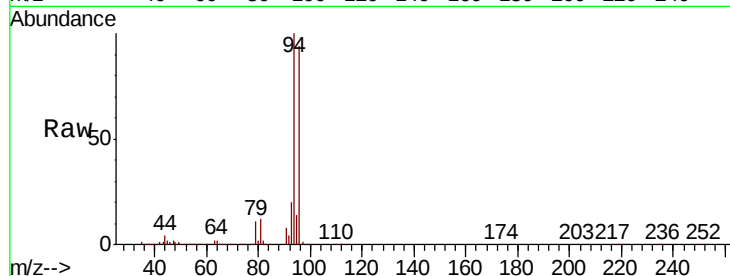
96 93.6 75.2 112.8

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

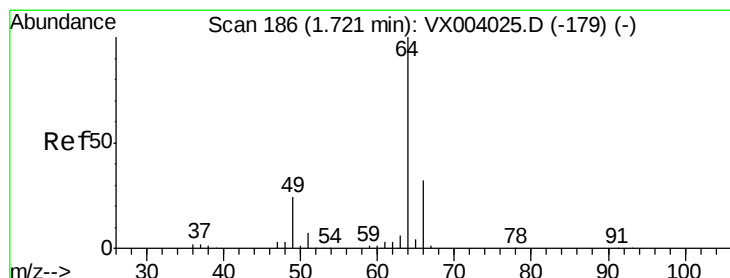
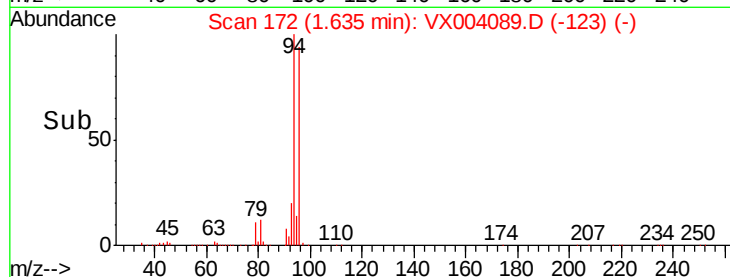
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.03 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX004089.D

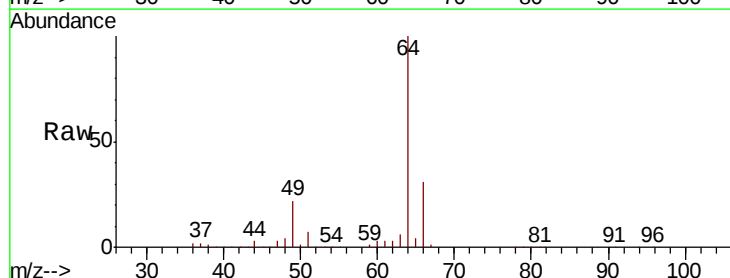
Acq: 15 Aug 2018 22:41

Tgt Ion: 64 Resp: 126800

Ion Ratio Lower Upper

64 100

66 31.0 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

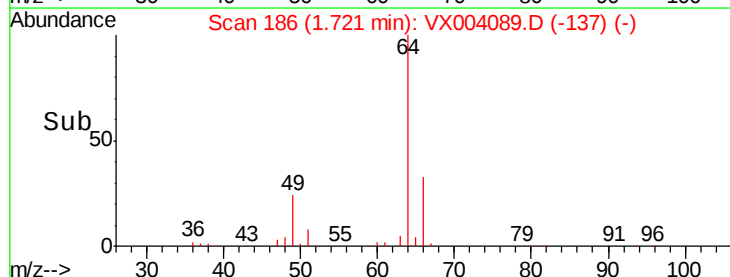
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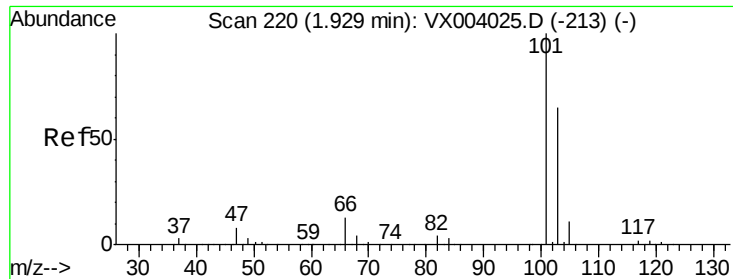
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1.65 1.70 1.75 1.80 1.85

Time-->





#7

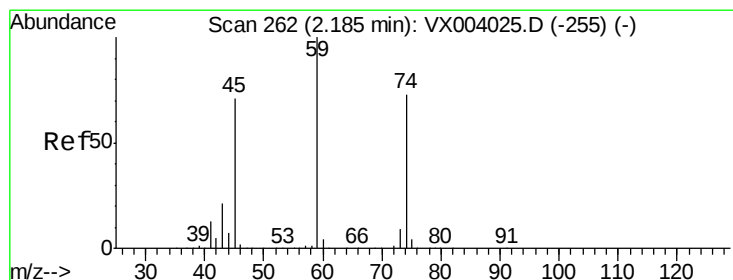
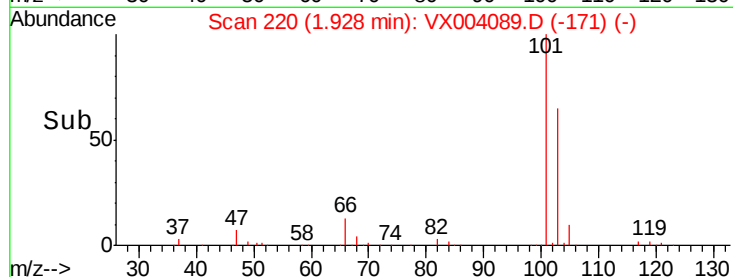
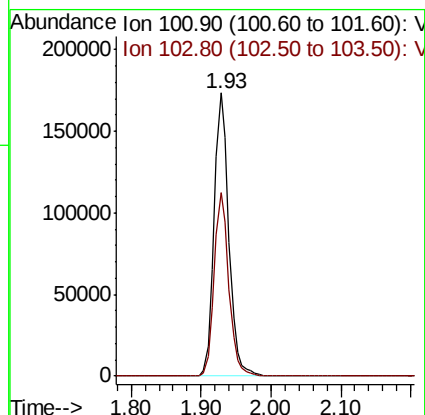
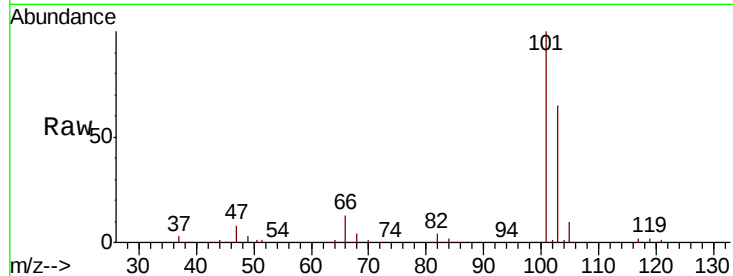
Trichlorofluoromethane
 Concen: 48.84 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

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 MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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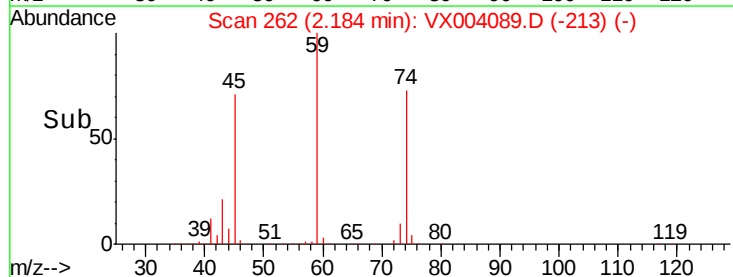
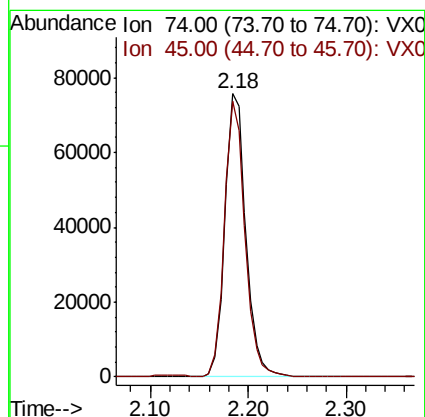
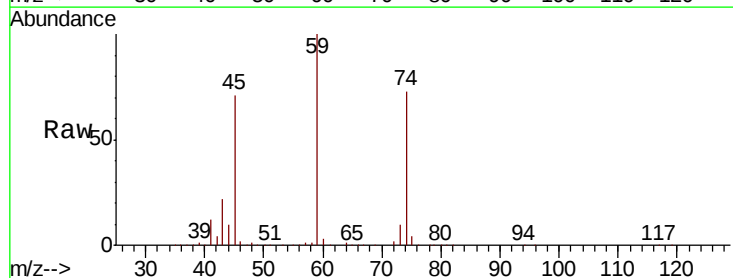
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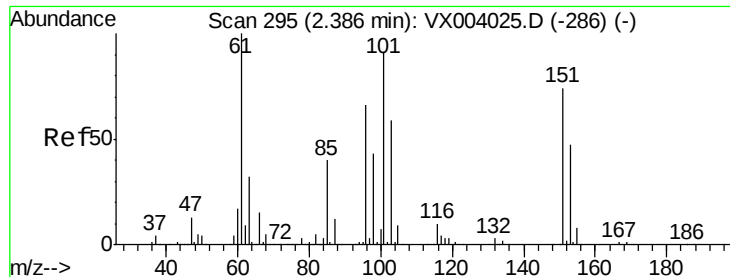


#8

Diethyl Ether
 Concen: 49.58 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.79 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

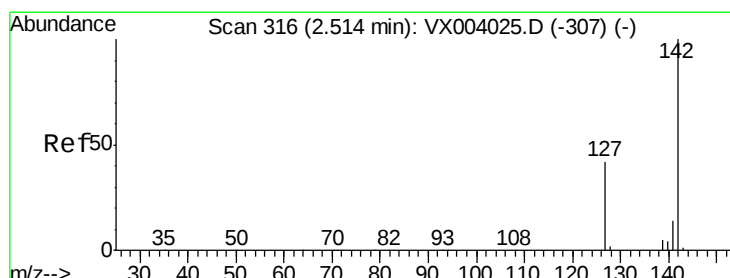
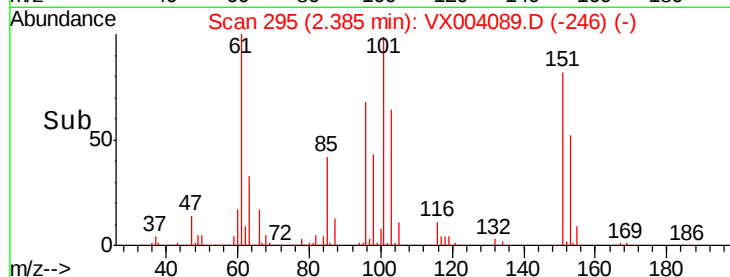
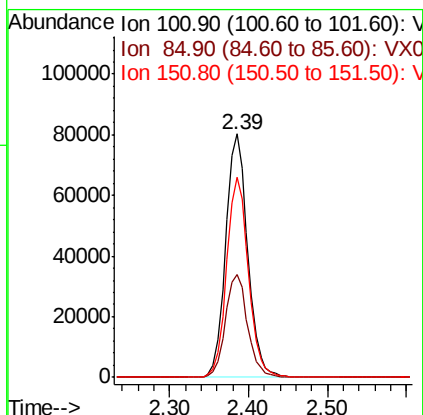
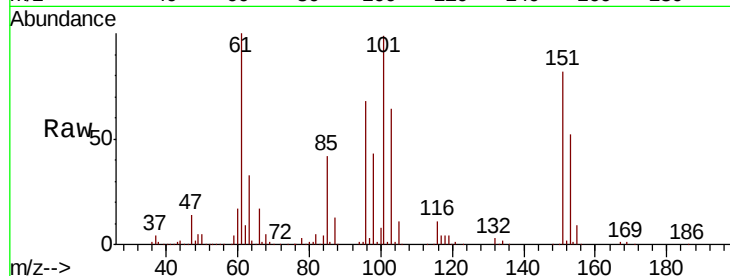
ClientSampleId :

MW-295-SRI3MS

Tot Ion:	101	Resp:	155176
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	81.6	65.0	97.4

Manual Integrations
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8/16/2018 4:39:49 PM



#10

Methyl Iodide

Concen: 46.60 ug/l

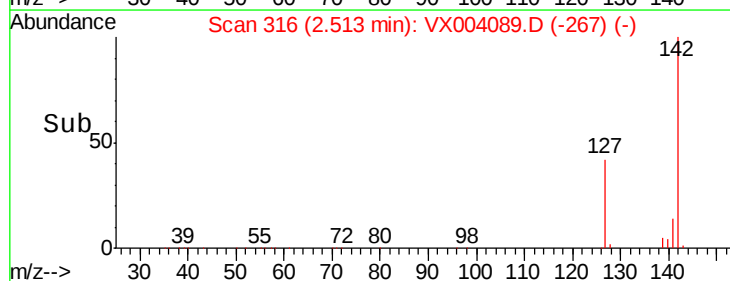
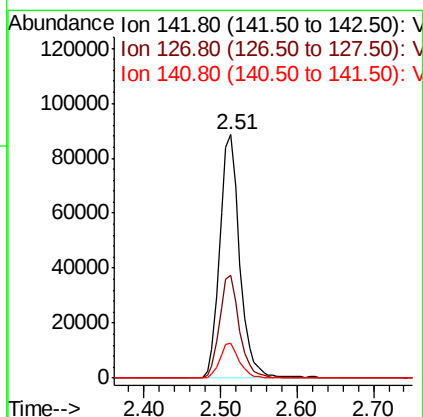
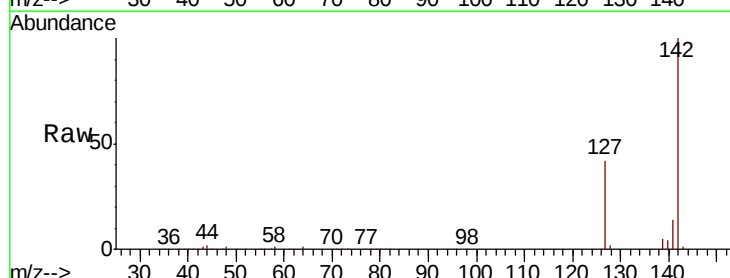
RT: 2.51 min Scan# 316

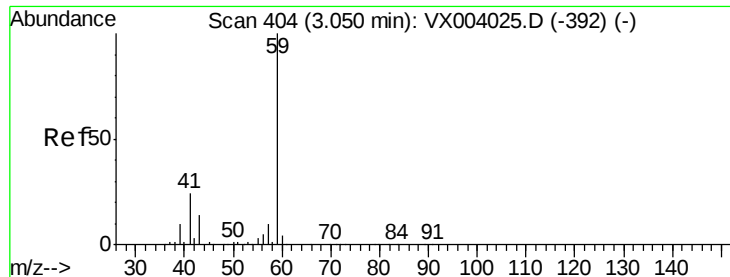
Delta R.T. 0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Tgt Ion:	142	Resp:	160296
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.1	49.7
141	14.0	11.1	16.7





#11

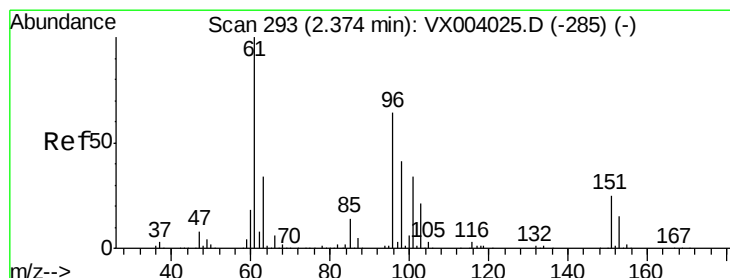
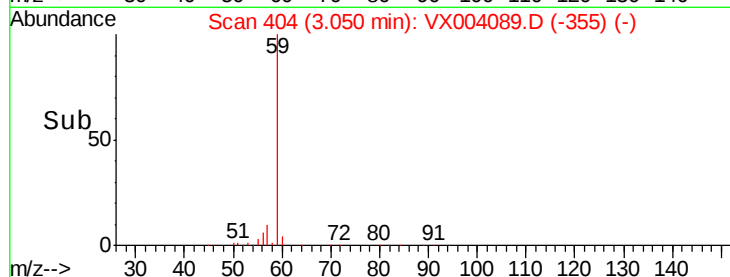
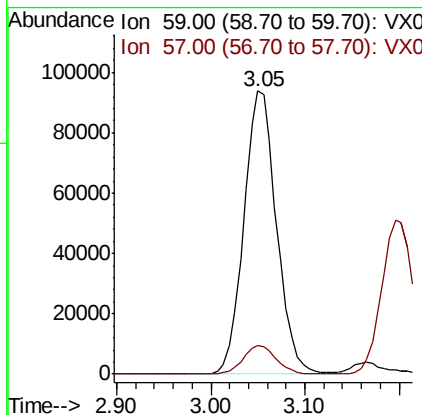
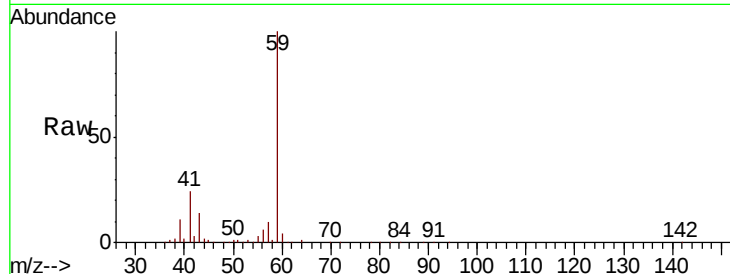
Tert butyl alcohol
Concen: 279.73 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
APPROVED

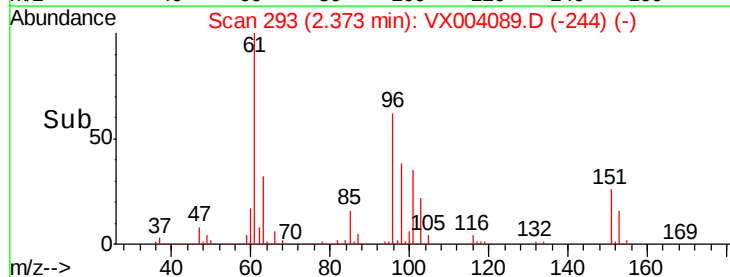
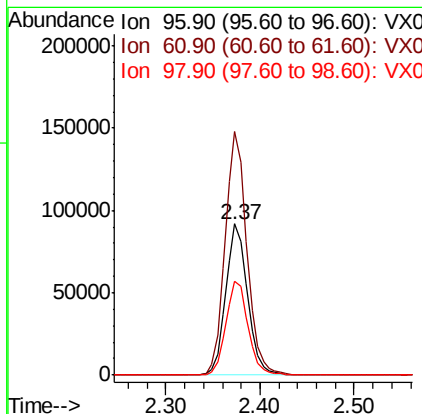
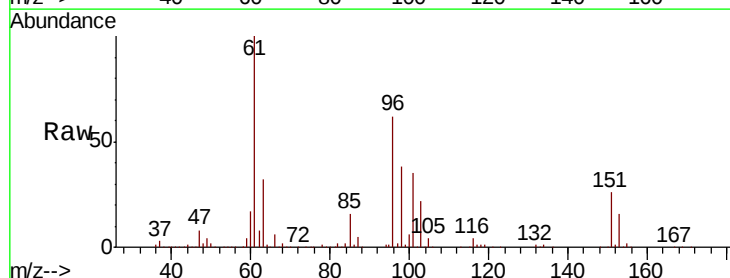
MMDadoda
8/16/2018 4:39:49 PM

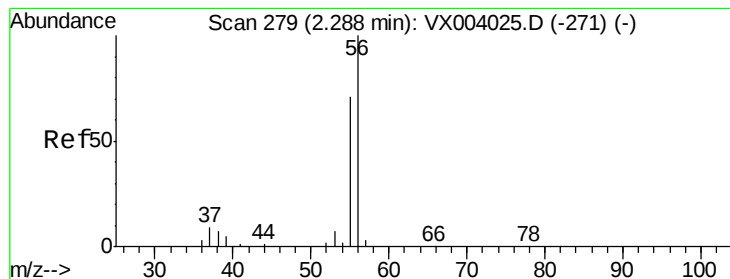


#12

1,1-Dichloroethene
Concen: 48.80 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	131.3	196.9
98	61.9	51.8	77.6





#13

Acrolein

Concen: 221.96 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 56 Resp: 121945

Ion Ratio Lower Upper

56 100

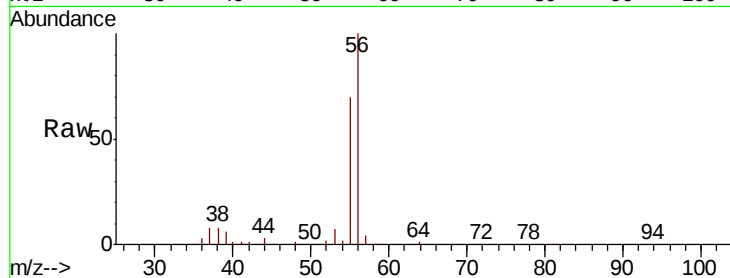
55 70.1 56.1 84.1

Manual Integrations

APPROVED

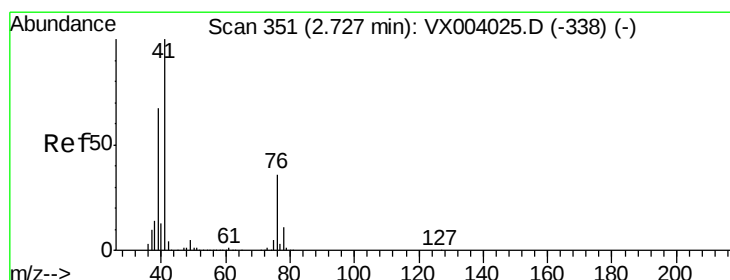
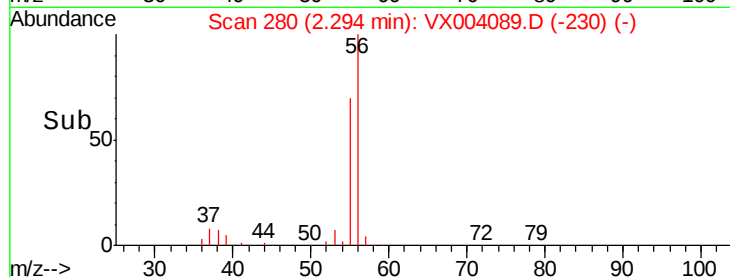
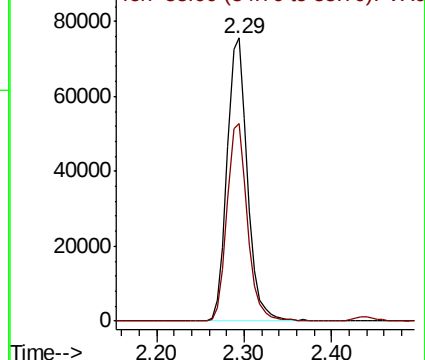
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.89 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

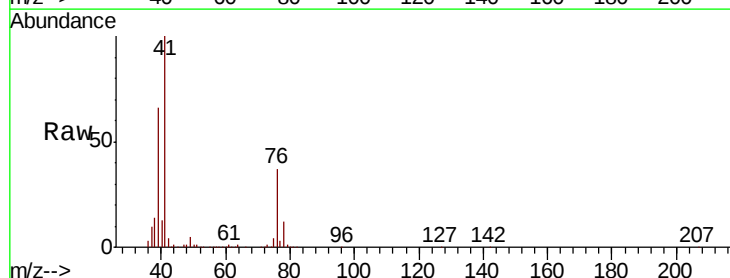
Tgt Ion: 41 Resp: 275204

Ion Ratio Lower Upper

41 100

39 61.4 47.4 71.0

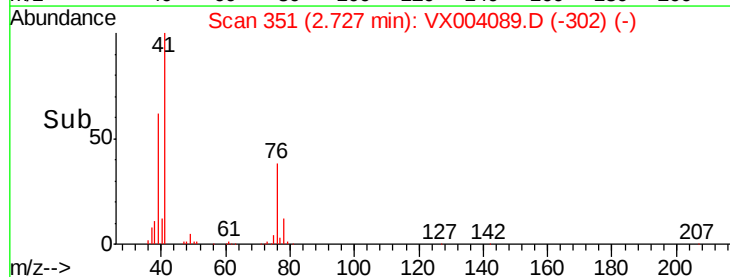
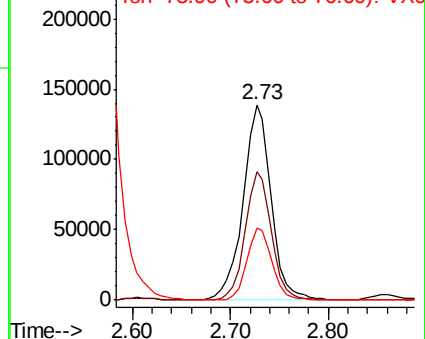
76 33.1 26.0 39.0

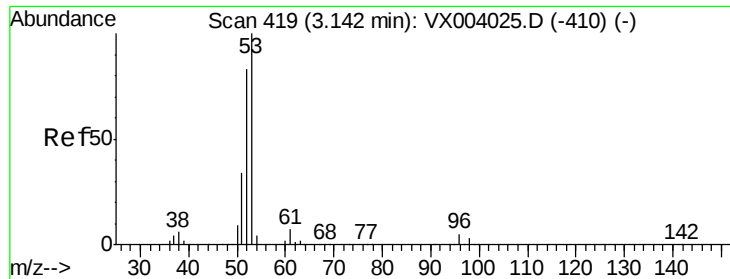


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 274.06 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

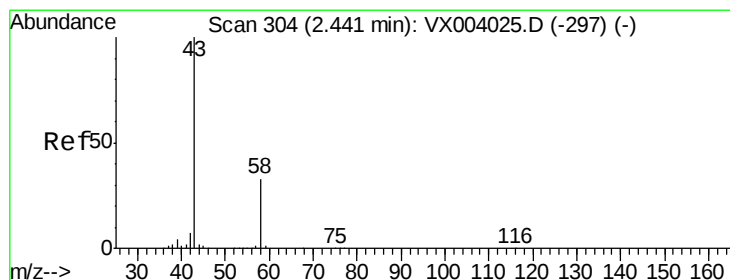
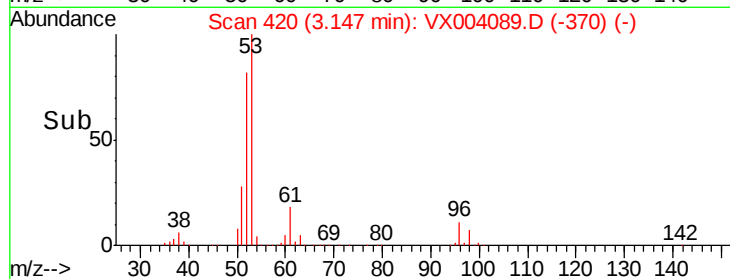
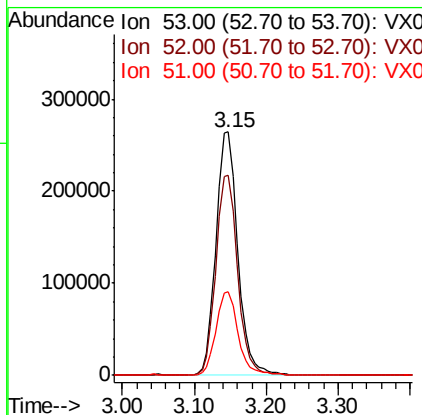
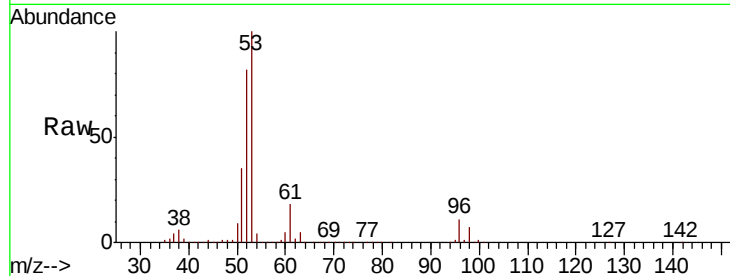
ClientSampleId :

MW-295-SRI3MS

Tot Ion:	53	Resp:	556553
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.3	97.9
51	35.0	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 260.13 ug/l

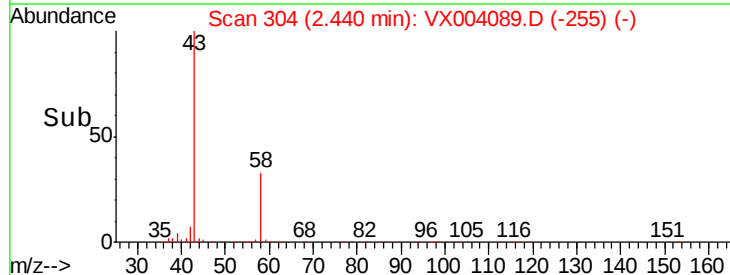
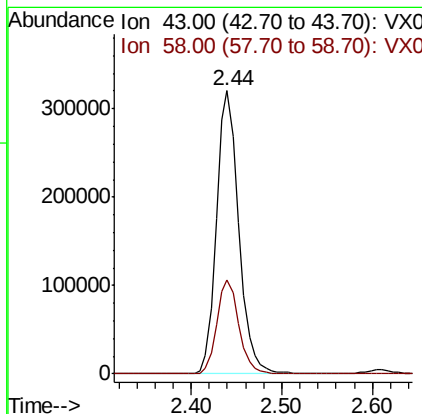
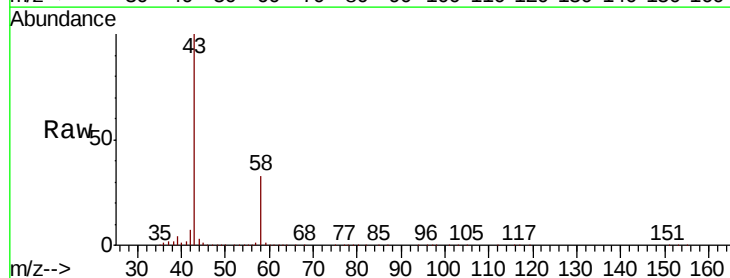
RT: 2.44 min Scan# 304

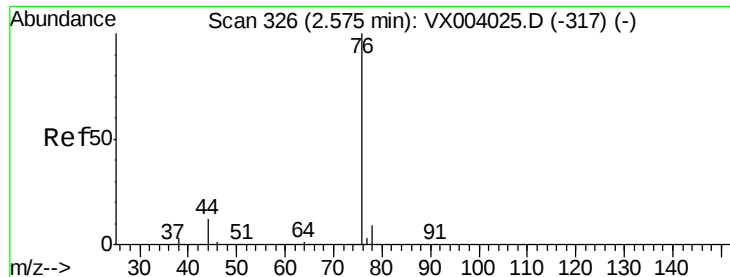
Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Tgt Ion:	43	Resp:	547034
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.4	39.6





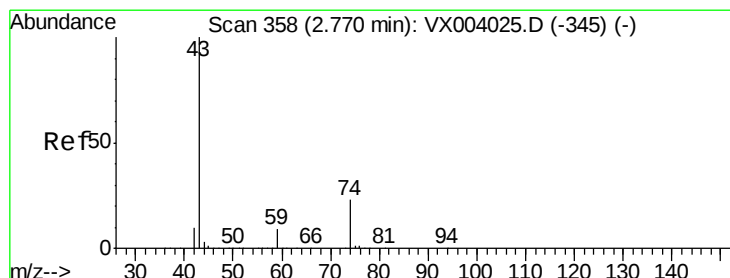
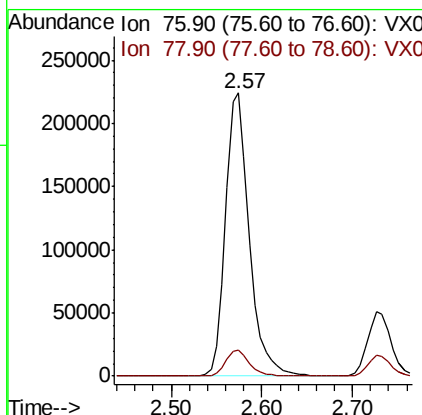
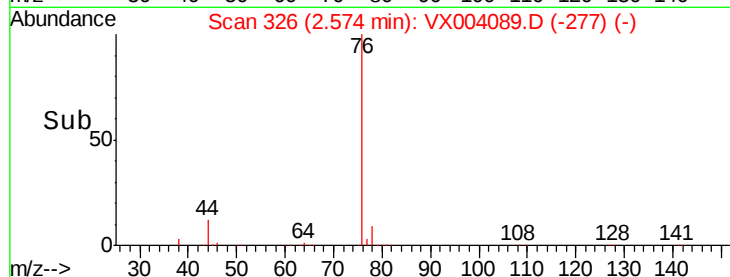
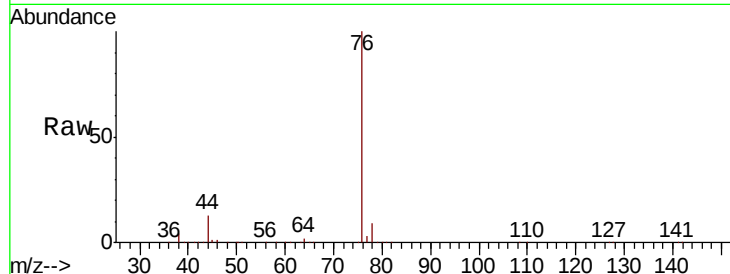
#17
Carbon Disulfide
Concen: 47.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

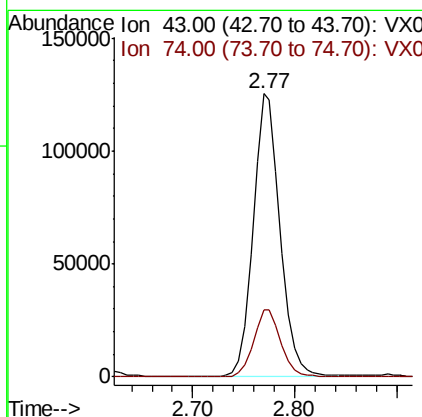
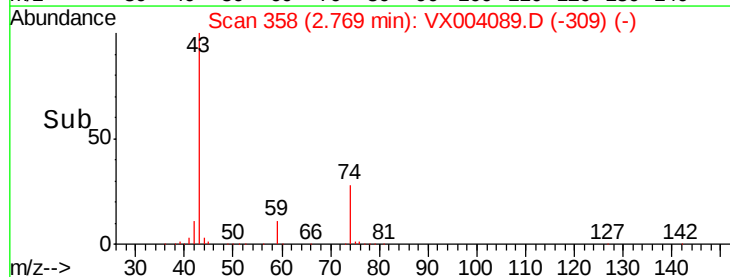
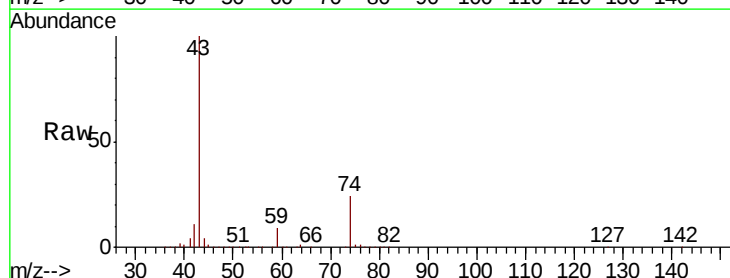
Manual Integrations
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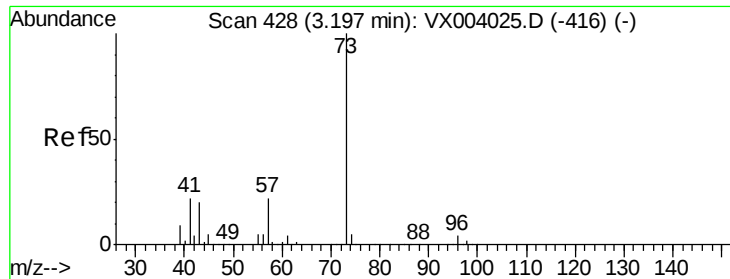
MMDadoda
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#18
Methyl Acetate
Concen: 49.09 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.9	28.3





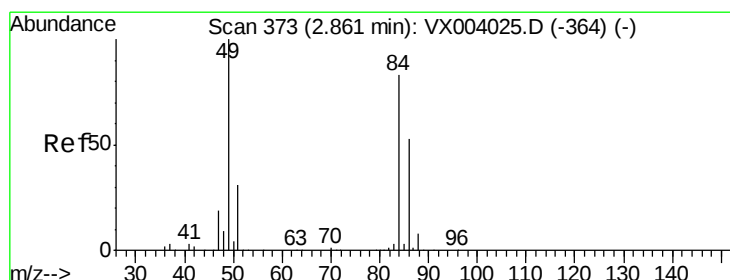
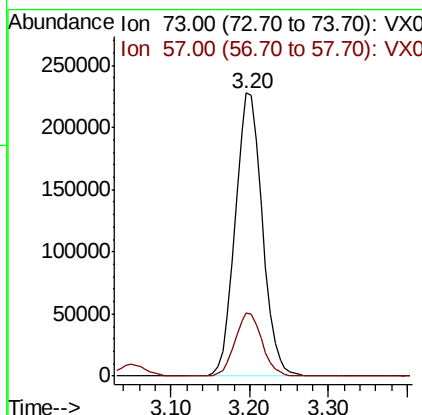
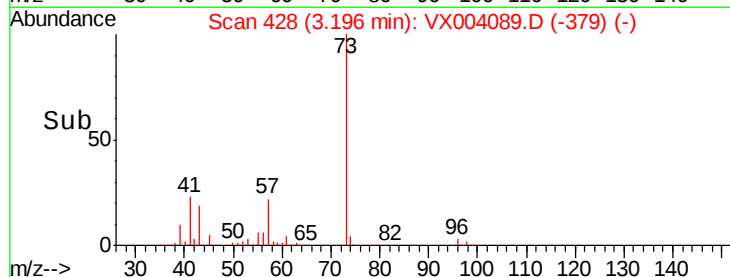
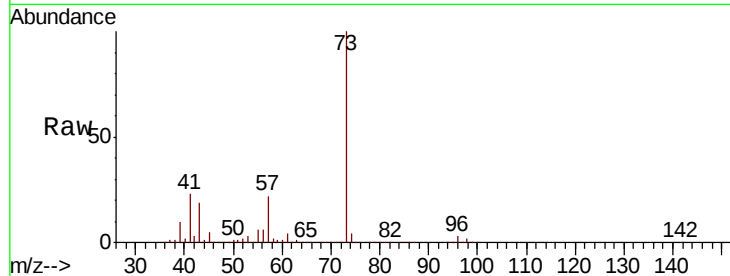
#19
Methvl tert-butvl Ether
Concen: 51.07 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.0	27.0

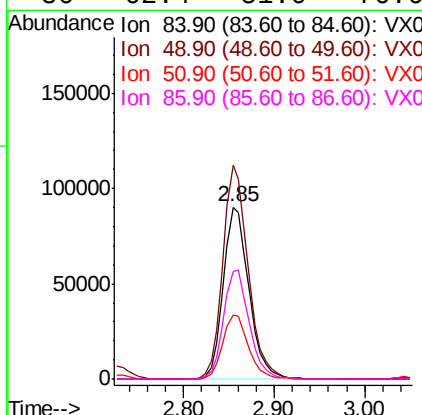
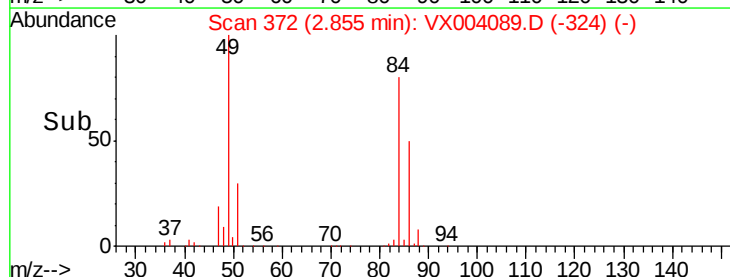
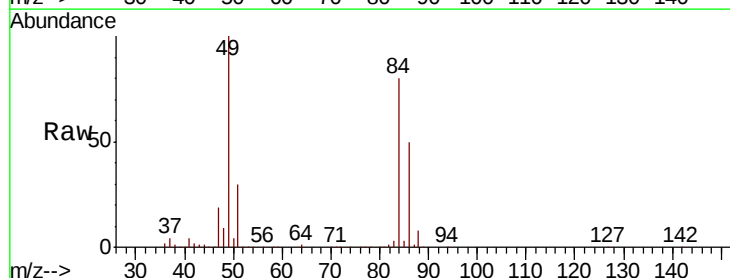
Manual Integrations
APPROVED

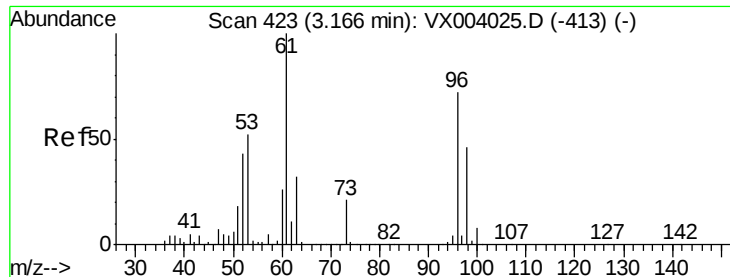
MMDadoda
8/16/2018 4:39:49 PM



#20
Methylene Chloride
Concen: 51.62 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	98.9	148.3
51	37.0	29.9	44.9
86	62.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 48.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 96 Resp: 167205

Ion Ratio Lower Upper

96 100

61 141.8 111.8 167.6

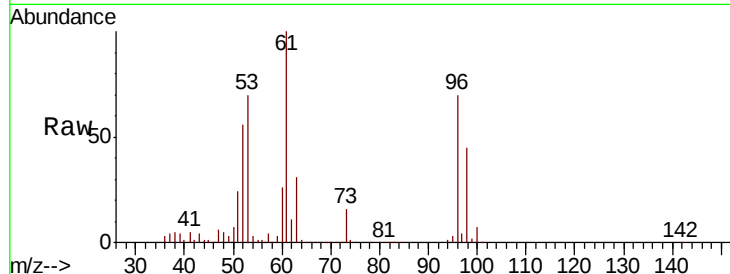
98 63.6 51.8 77.6

Manual Integrations

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8/16/2018 4:39:49 PM

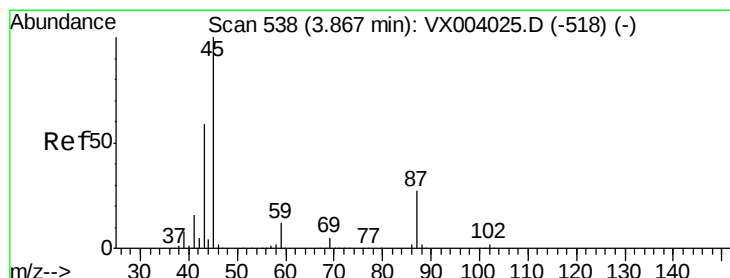
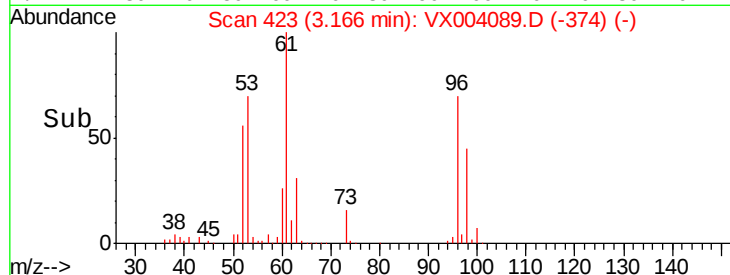
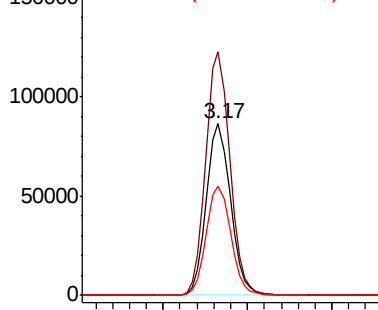


Abundance

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: 51.45 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Tgt Ion: 45 Resp: 579368

Ion Ratio Lower Upper

45 100

43 59.5 45.3 67.9

87 26.7 22.7 34.1

59 12.0 9.6 14.4

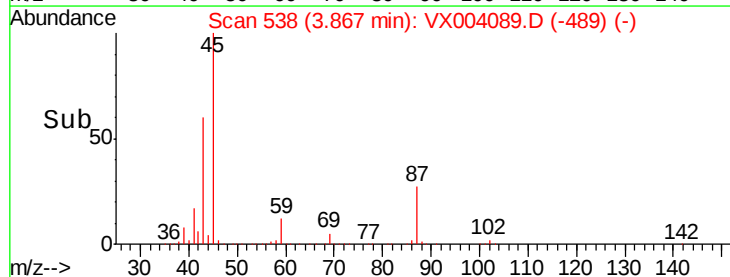
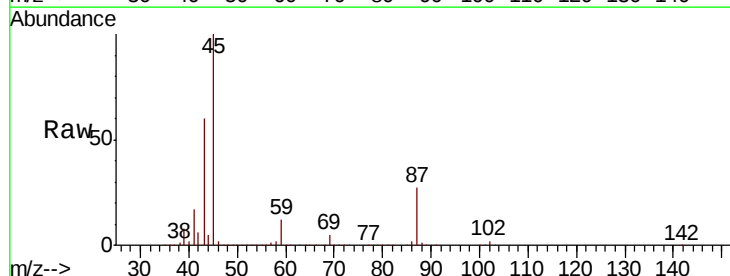
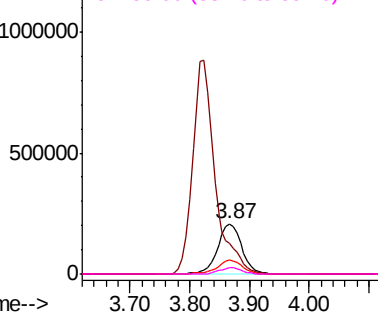
Abundance

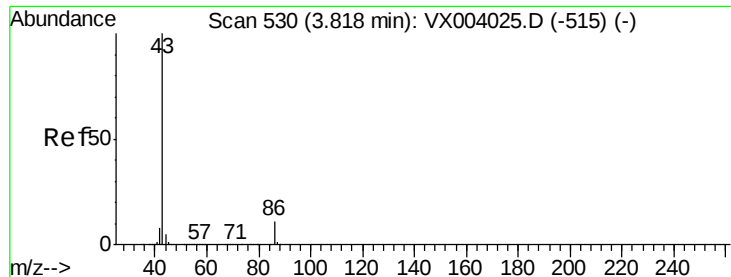
Ion 45.00 (44.70 to 45.70): VX0

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: 250.53 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 43 Resp: 2316899

Ion Ratio Lower Upper

43 100

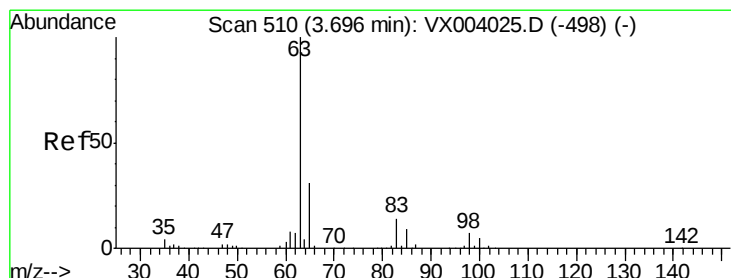
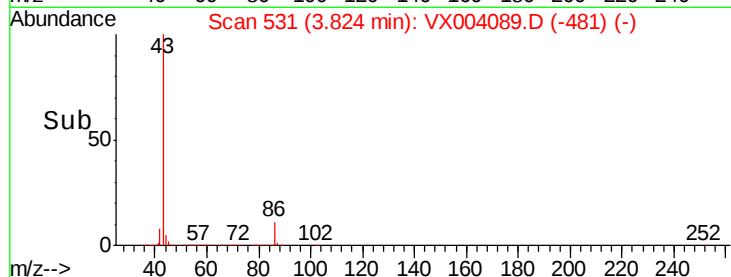
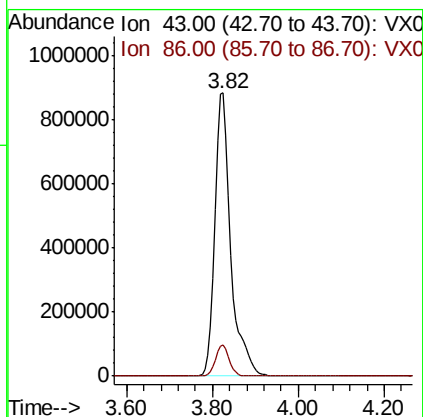
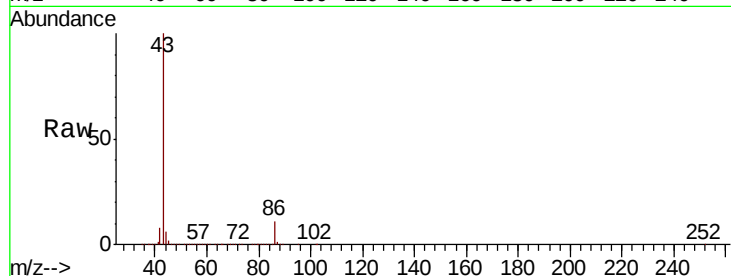
86 10.9 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.05 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

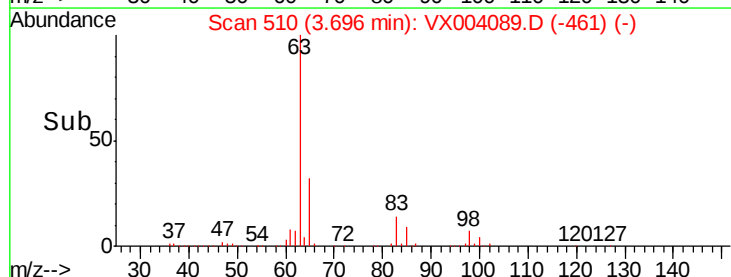
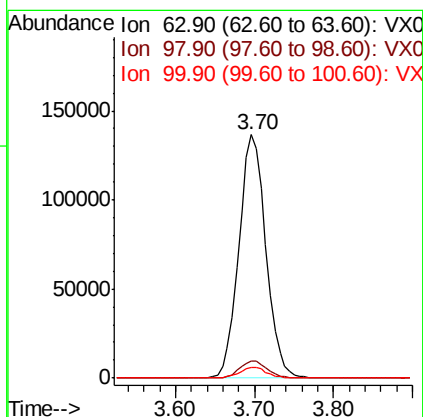
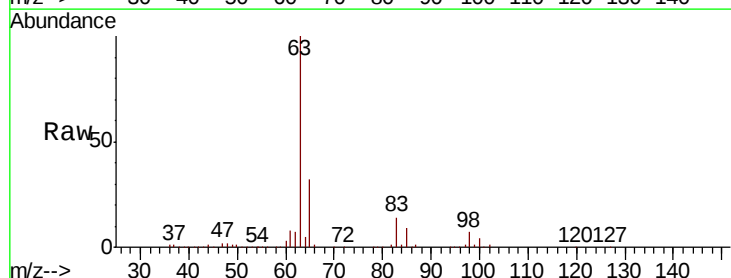
Tgt Ion: 63 Resp: 325597

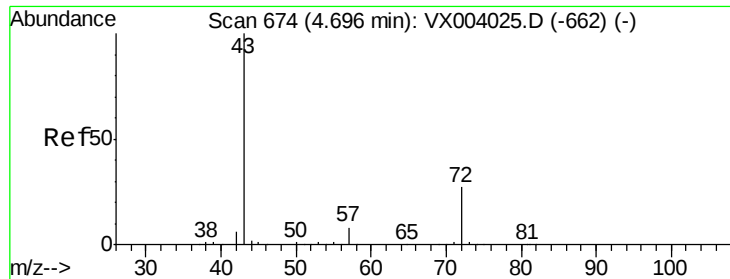
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 260.59 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 43 Resp: 891624

Ion Ratio Lower Upper

43 100

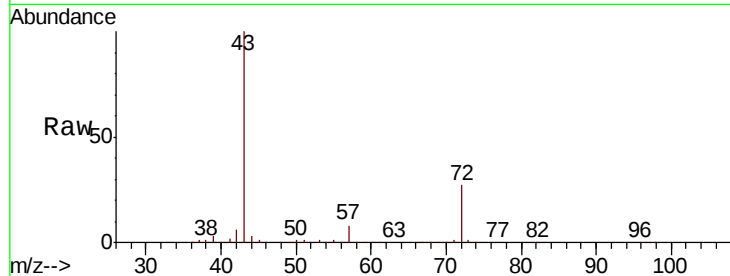
72 27.4 21.4 32.0

Manual Integrations

APPROVED

MMDadoda

8/16/2018 4:39:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

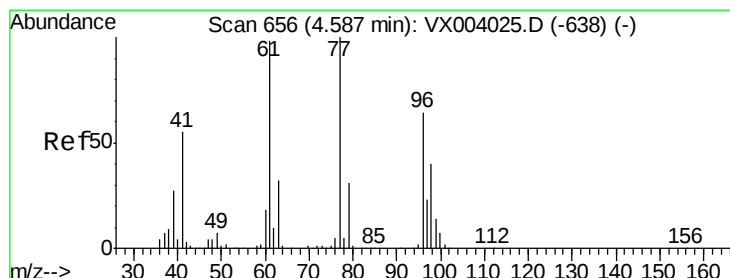
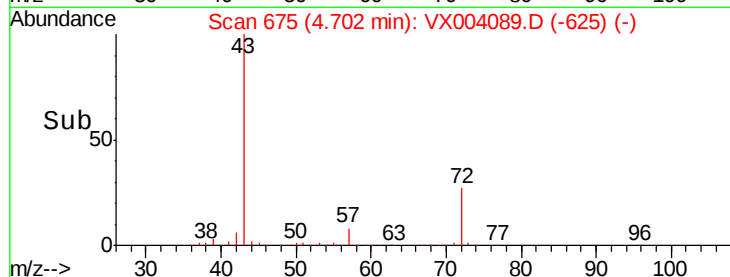
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.90 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004089.D

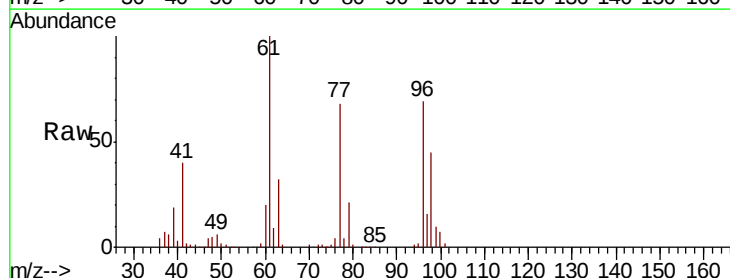
Acq: 15 Aug 2018 22:41

Tgt Ion: 77 Resp: 176951

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

4.59

60000

50000

40000

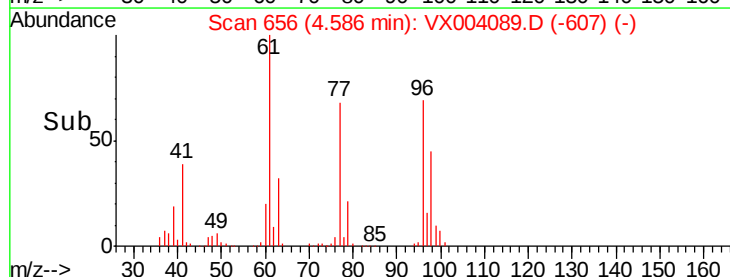
30000

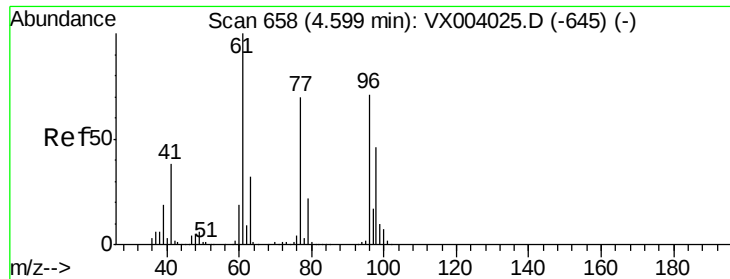
20000

10000

0

Time-->





#27

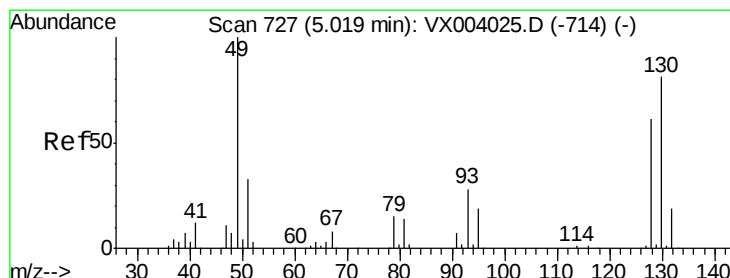
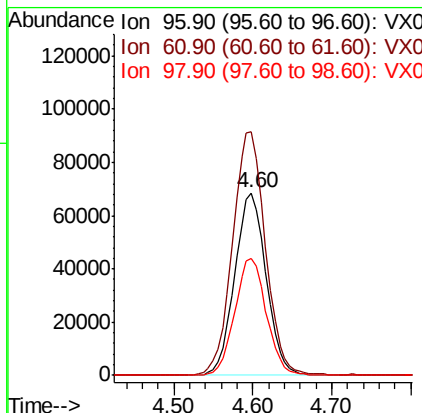
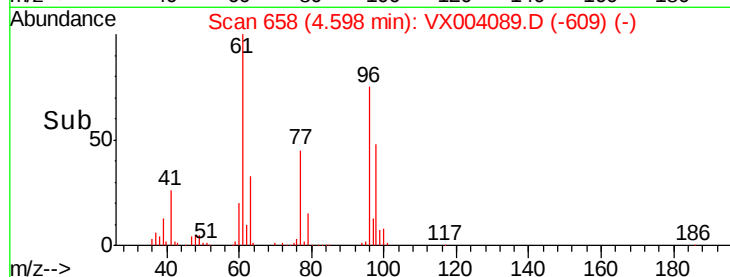
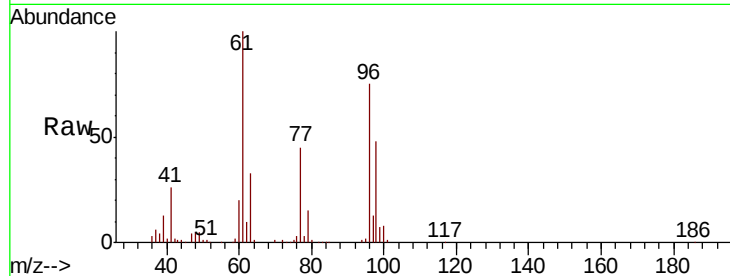
cis-1,2-Dichloroethene
Concen: 49.26 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190000		
61	139.6	0.0	293.0	
98	64.2	0.0	131.8	

Manual Integrations
APPROVED

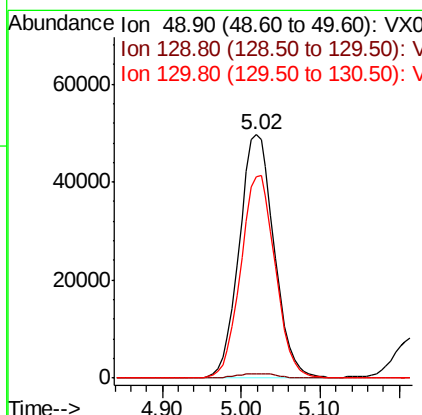
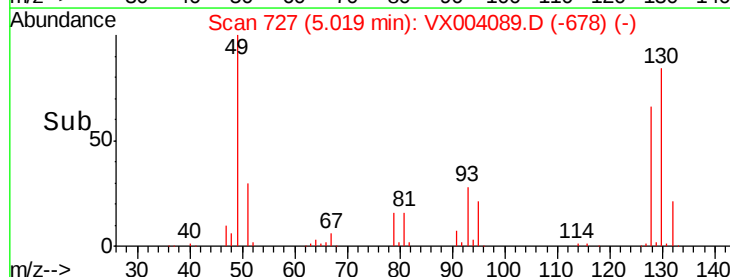
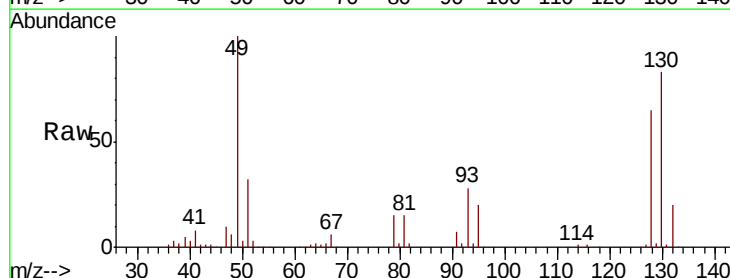
MMDadoda
8/16/2018 4:39:49 PM

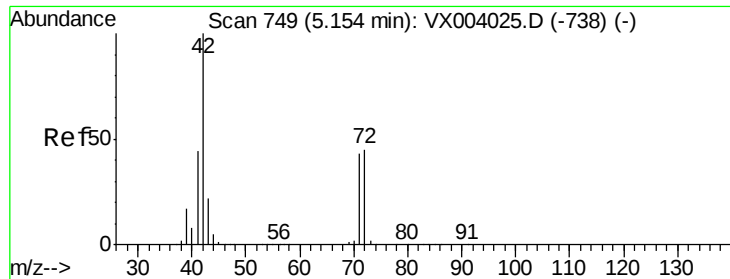


#28

Bromochloromethane
Concen: 52.45 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153466		
129	2.1	0.0	4.2	
130	82.0	66.5	99.7	





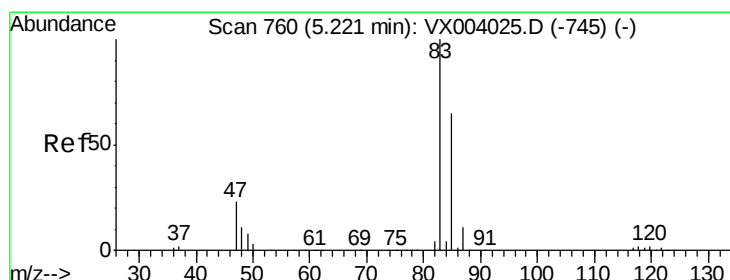
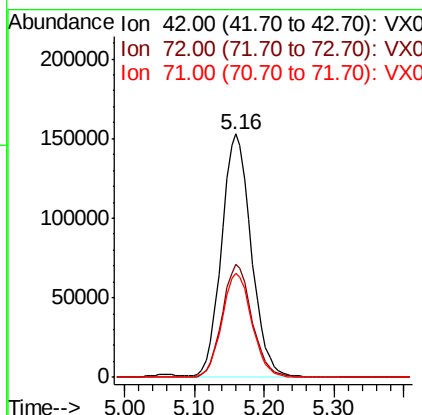
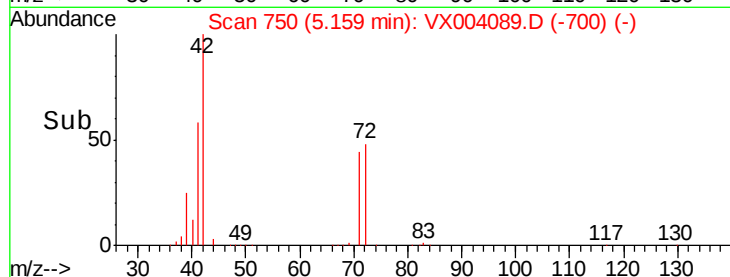
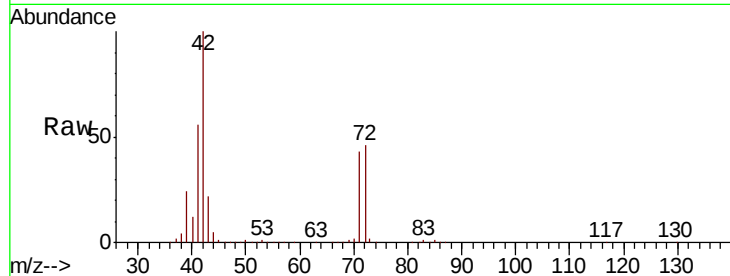
#29
Tetrahydrofuran
Concen: 256.92 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.7	56.5
71	43.2	35.0	52.6

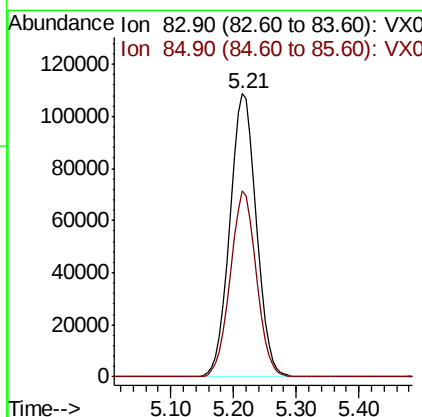
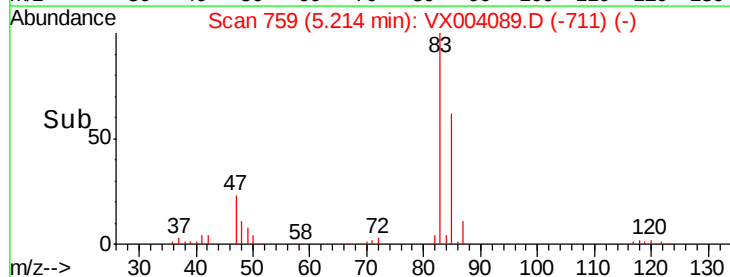
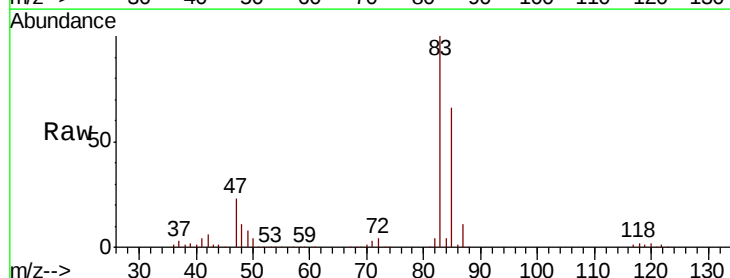
Manual Integrations
APPROVED

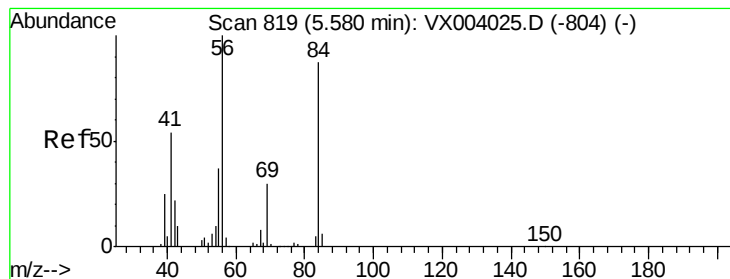
MMDadoda
8/16/2018 4:39:49 PM



#30
Chloroform
Concen: 51.16 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1





#31

Cyclohexane

Concen: 46.55 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 56 Resp: 260259

Ion Ratio Lower Upper

56 100

69 31.4 24.9 37.3

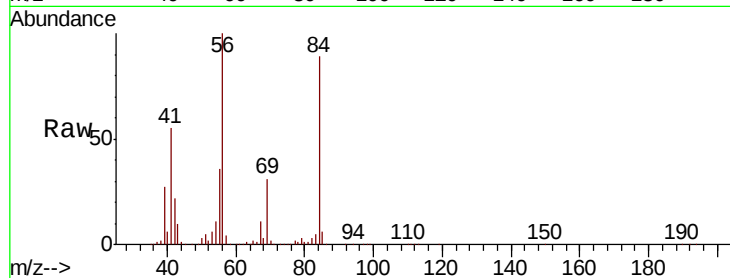
84 87.7 71.7 107.5

Manual Integrations

APPROVED

MMDadoda

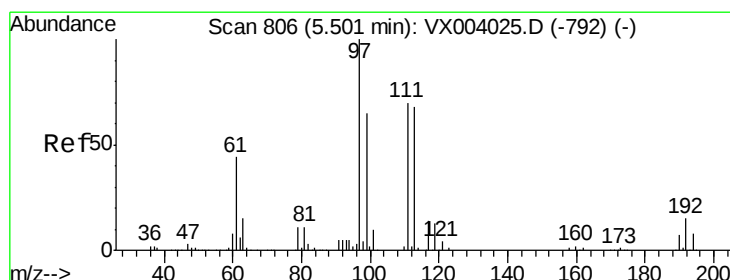
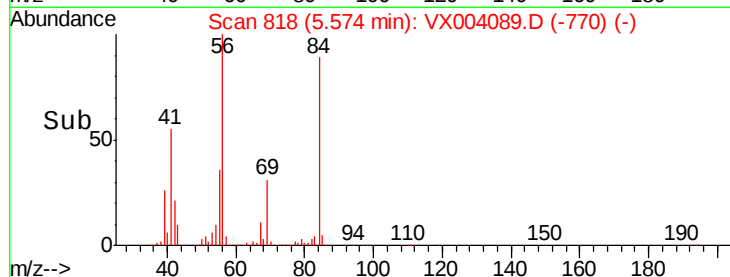
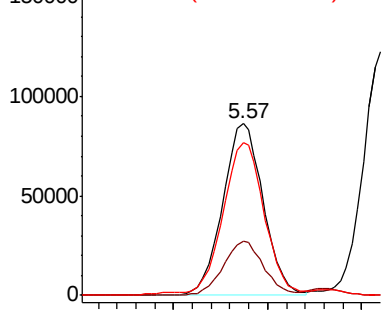
8/16/2018 4:39:49 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.08 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

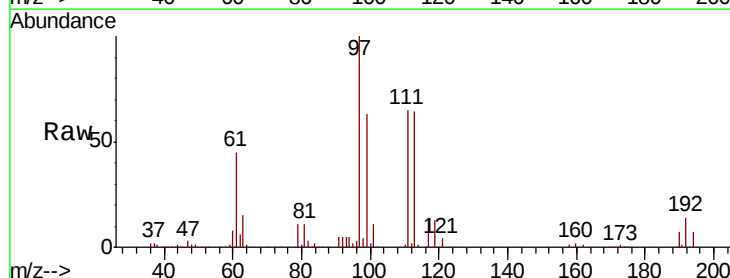
Tgt Ion: 97 Resp: 265668

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

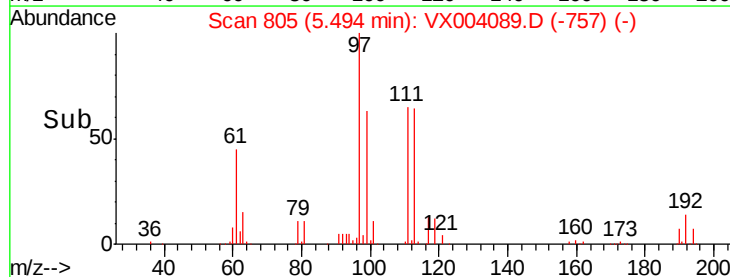
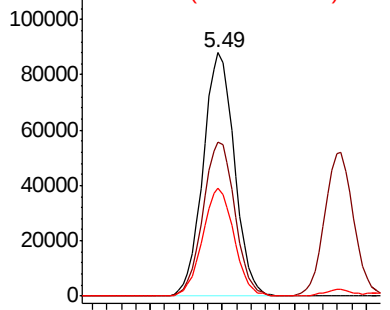
61 44.7 34.4 51.6

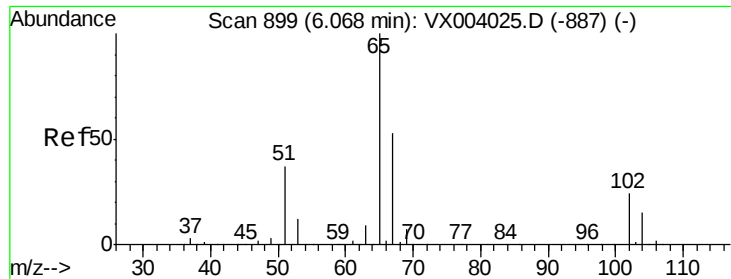


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





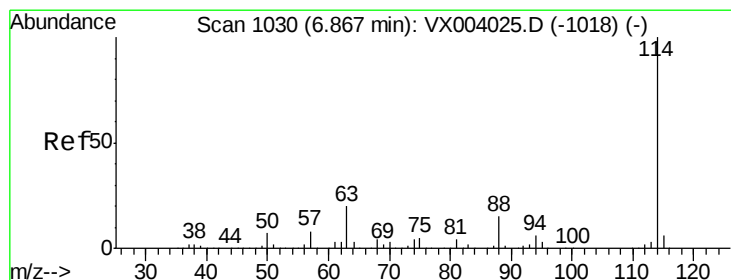
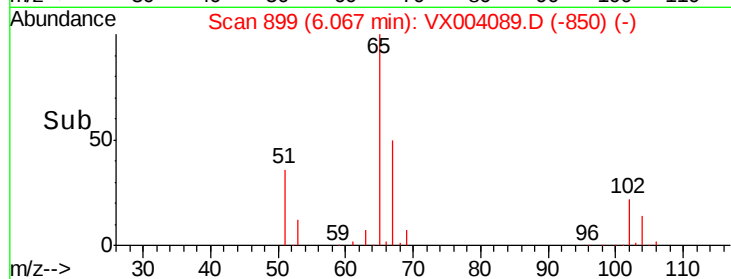
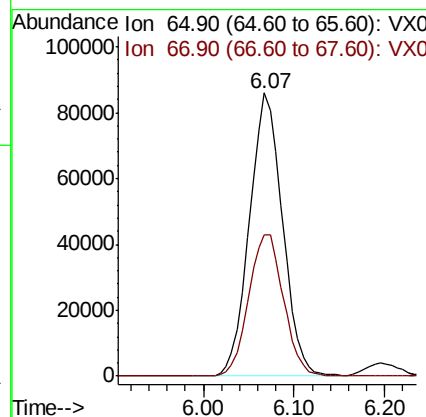
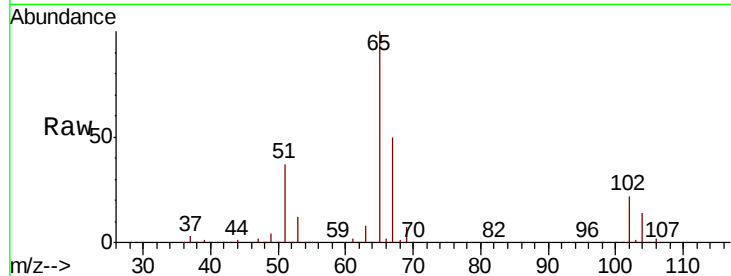
#33
 1,2-Dichloroethane-d4
 Concen: 53.63 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216906		
67	52.6	0.0	105.8	

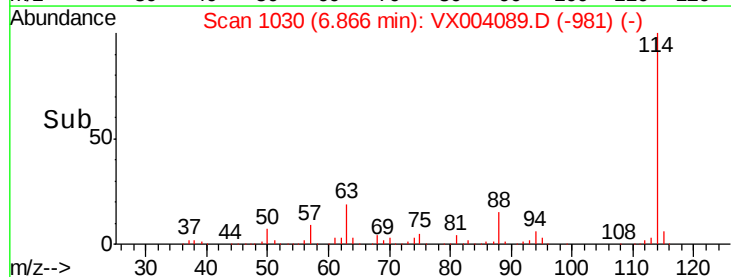
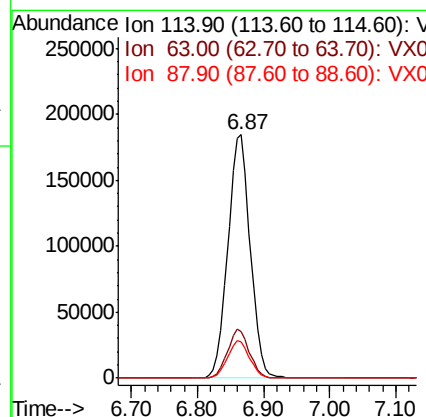
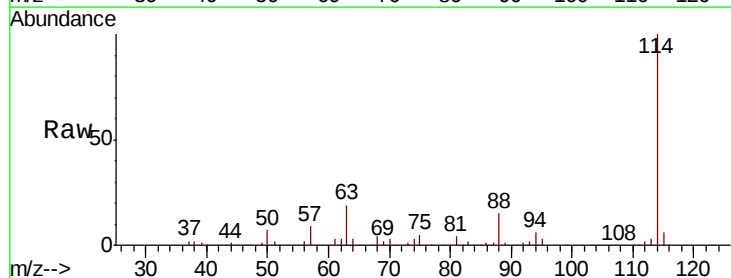
Manual Integrations
 APPROVED

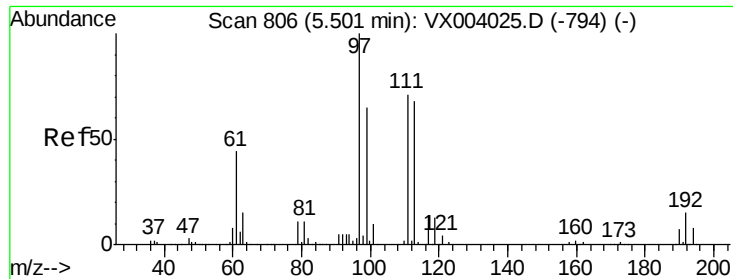
MMDadoda
 8/16/2018 4:39:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	432755		
63	19.1	0.0	39.0	
88	15.1	0.0	32.0	





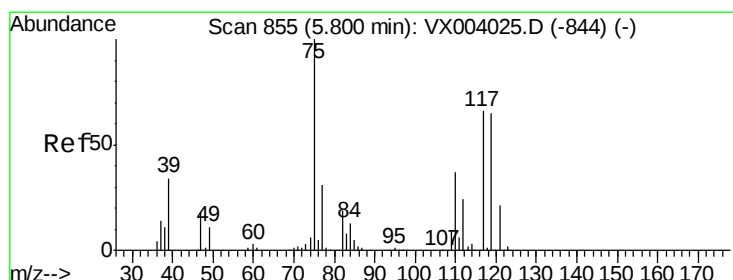
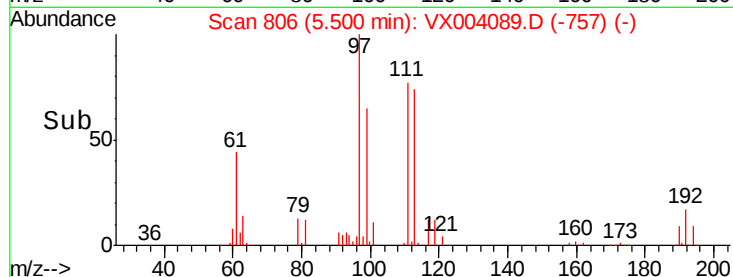
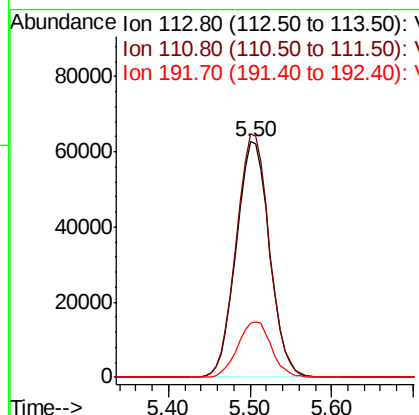
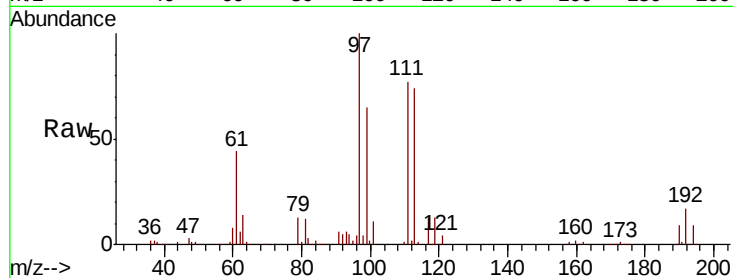
#35
 Dibromofluoromethane
 Concen: 54.80 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177483		
111	102.7	82.0	123.0	
192	23.8	19.0	28.4	

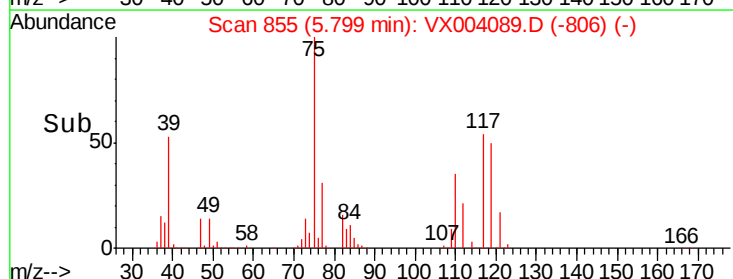
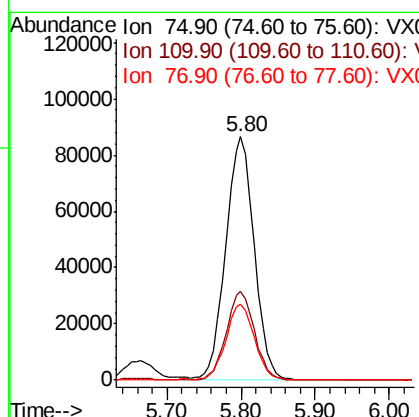
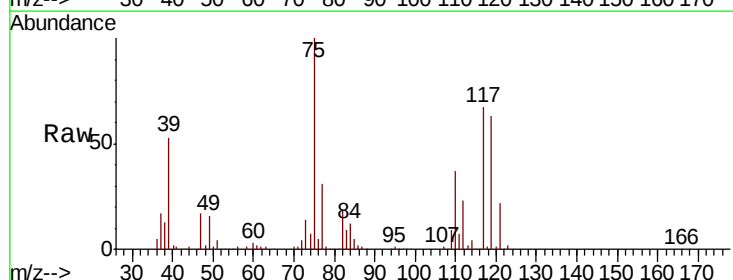
Manual Integrations
 APPROVED

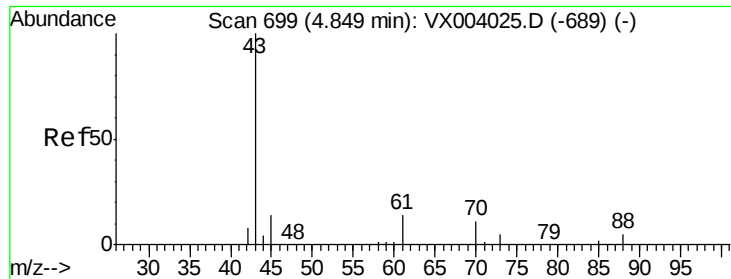
MMDadoda
 8/16/2018 4:39:49 PM



#36
 1,1-Dichloropropene
 Concen: 47.01 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	231512		
110	36.0	18.2	54.6	
77	31.3	25.0	37.4	





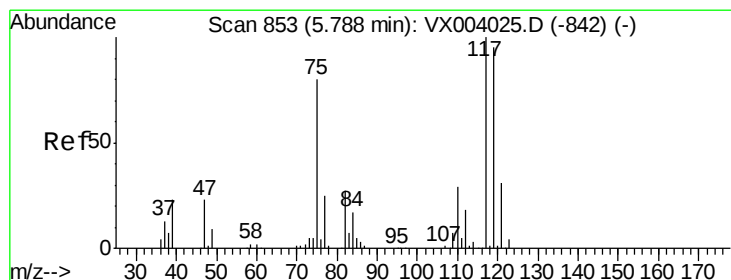
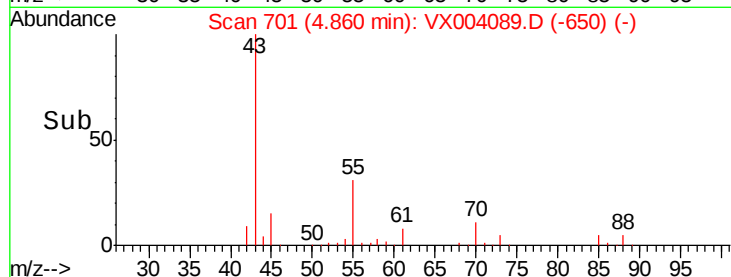
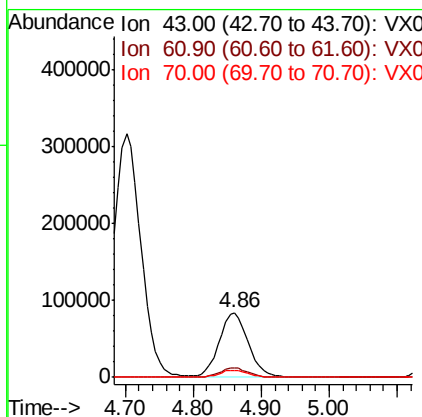
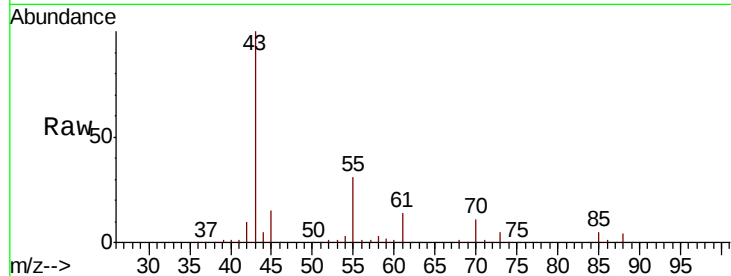
#37
Ethyl Acetate
Concen: 46.24 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	11.1	9.0	13.4

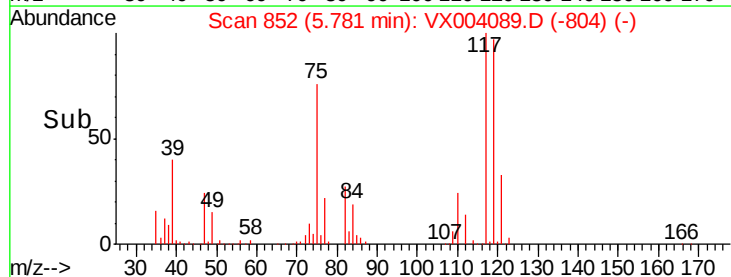
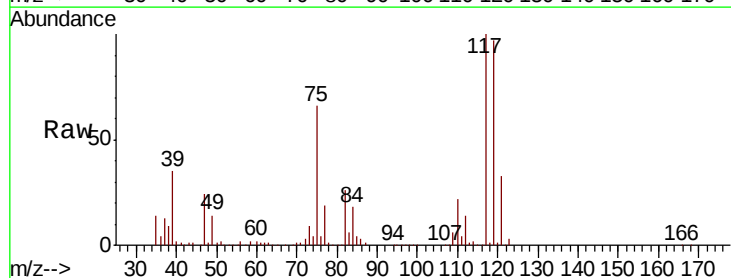
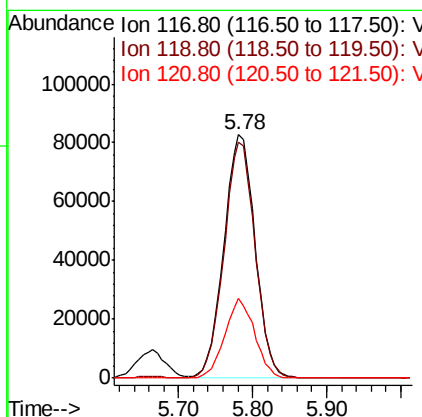
Manual Integrations
APPROVED

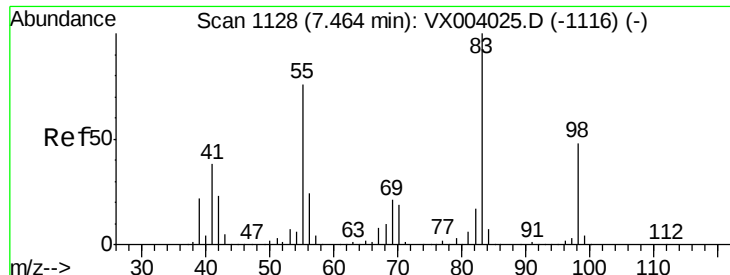
MMDadoda
8/16/2018 4:39:49 PM



#38
Carbon Tetrachloride
Concen: 50.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.5	119.3
121	32.8	25.0	37.4





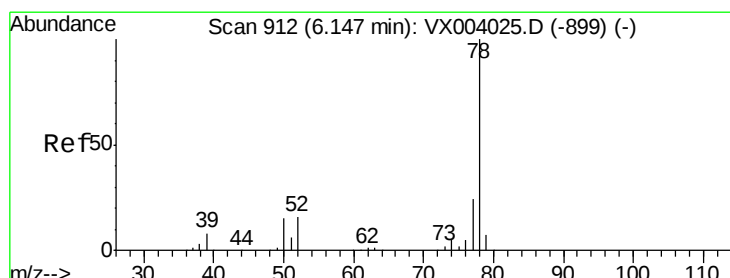
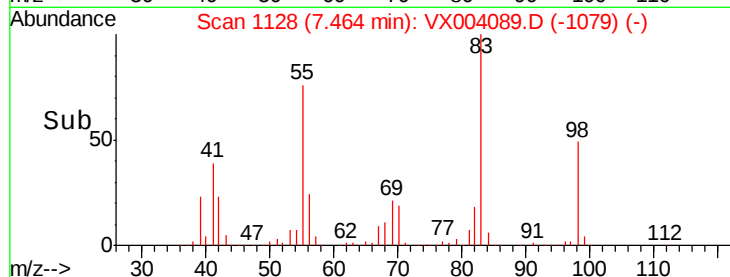
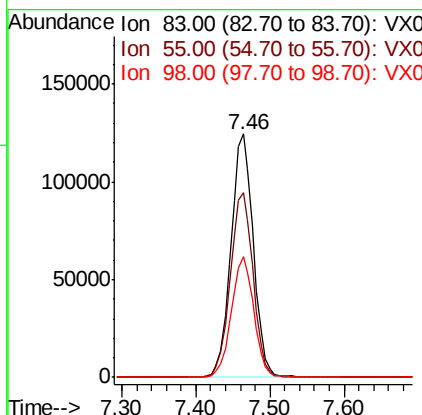
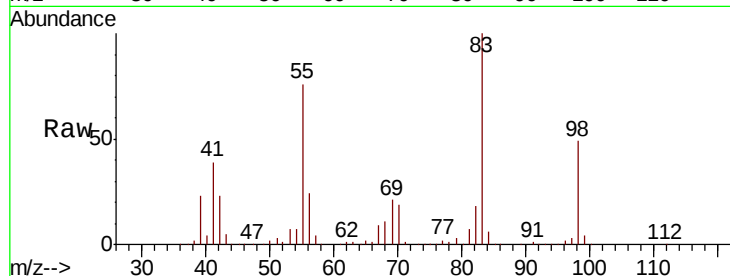
#39
Methvlcvclohexane
Concen: 47.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.0	91.6
98	49.4	38.6	57.8

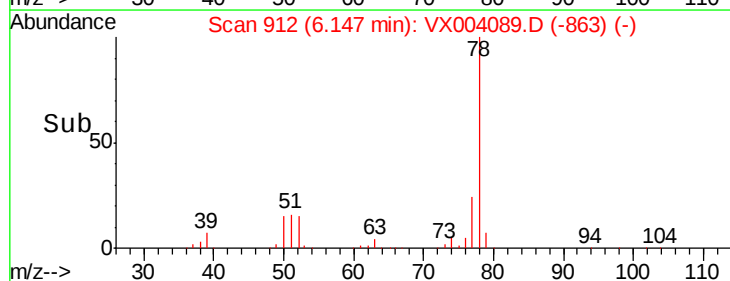
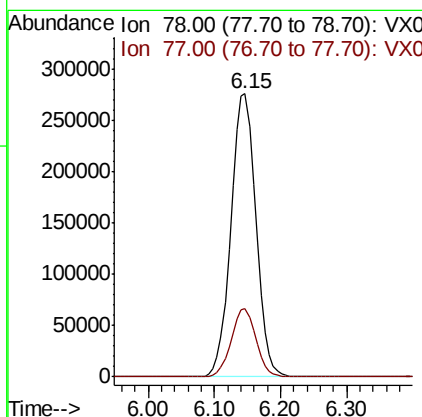
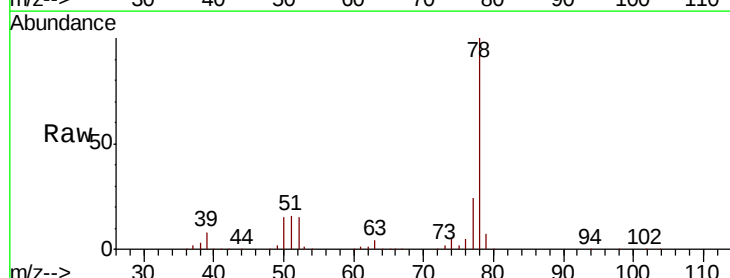
Manual Integrations
APPROVED

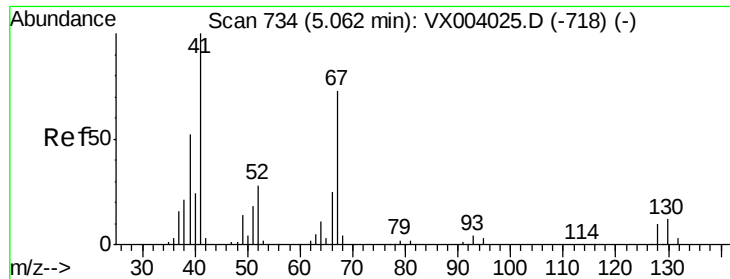
MMDadoda
8/16/2018 4:39:49 PM



#40
Benzene
Concen: 48.91 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





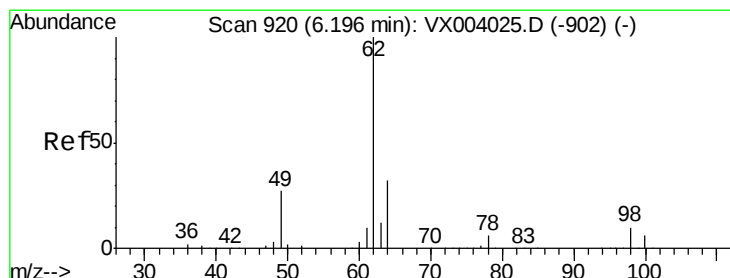
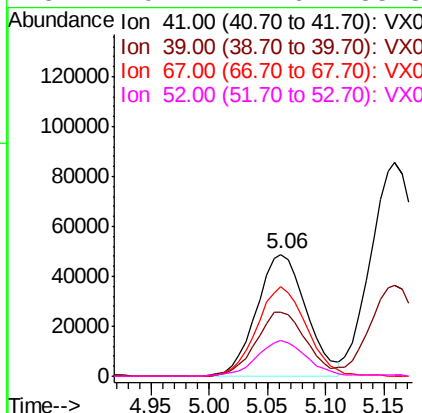
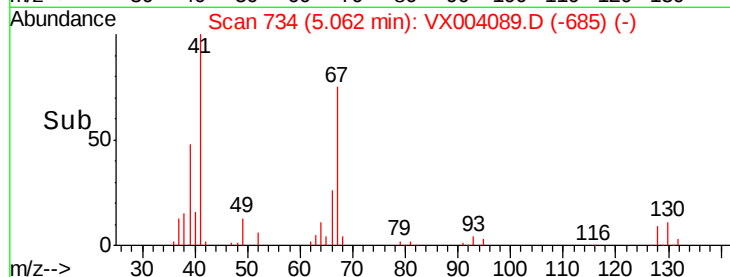
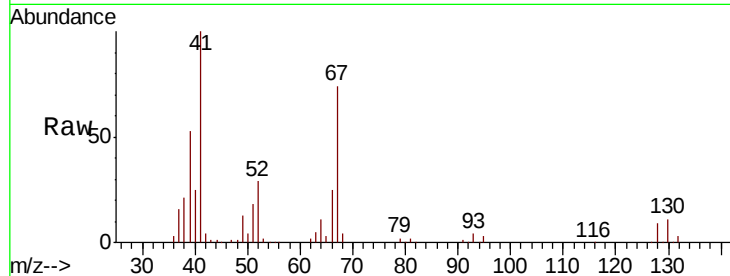
#41
Methacrylonitrile
Concen: 48.08 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	42.7	64.1	
67	74.0	58.9	88.3	
52	29.4	22.6	33.8	

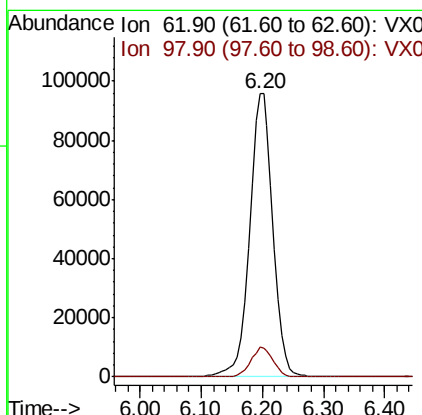
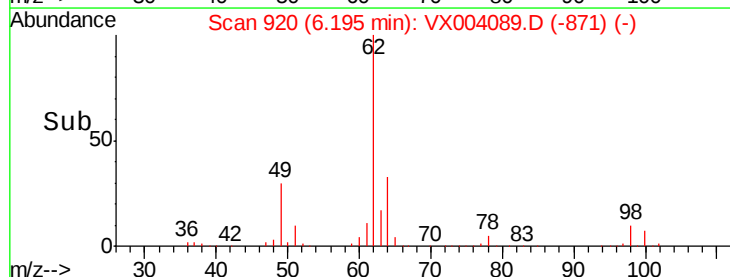
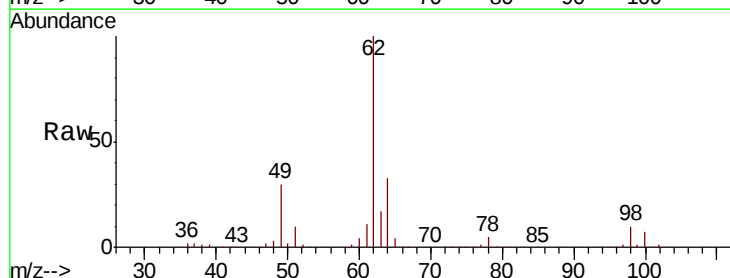
Manual Integrations
APPROVED

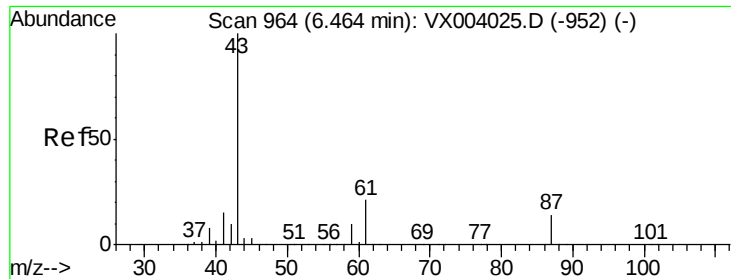
MMDadoda
8/16/2018 4:39:49 PM



#42
1,2-Dichloroethane
Concen: 48.98 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





#43

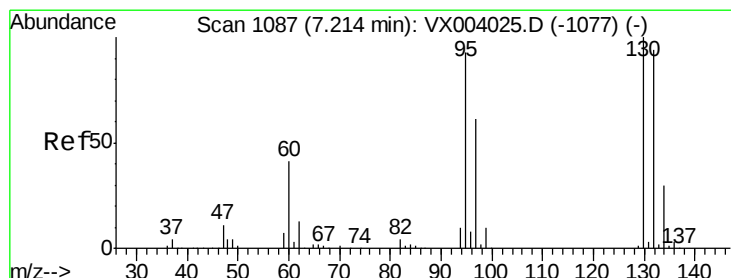
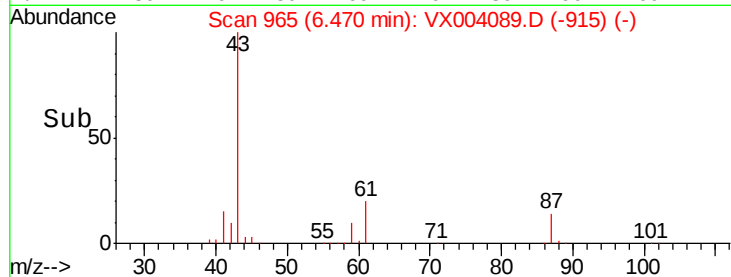
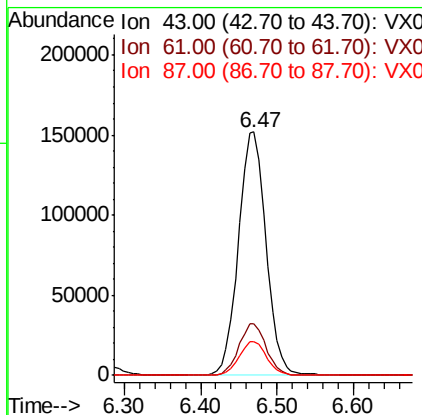
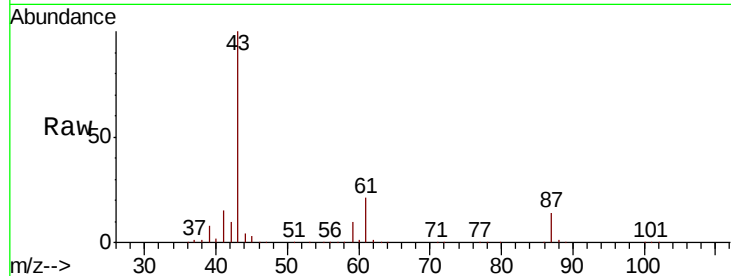
Isopropyl Acetate
 Concen: 47.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	14.0	11.3	16.9

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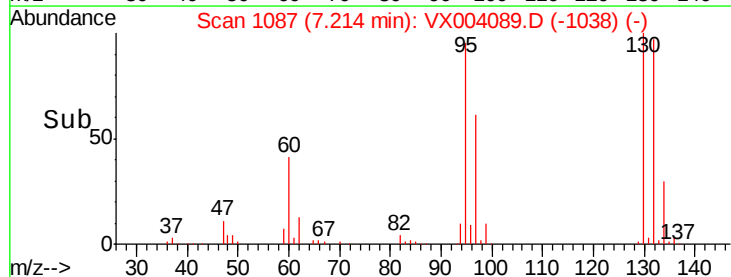
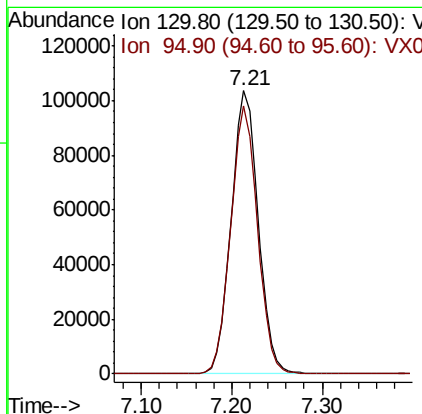
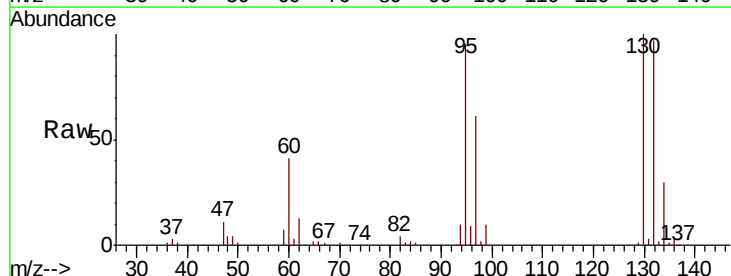
MMDadoda
 8/16/2018 4:39:49 PM

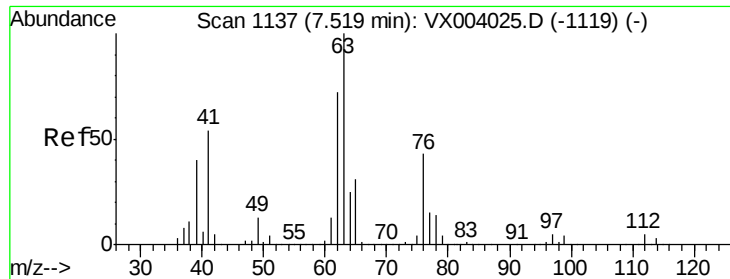


#44

Trichloroethene
 Concen: 53.59 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	199.4





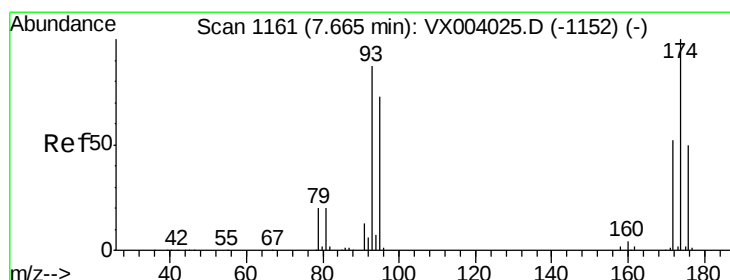
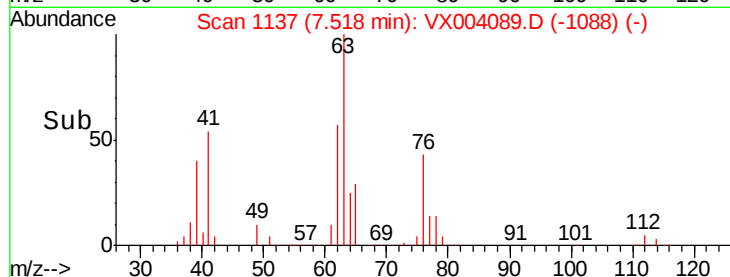
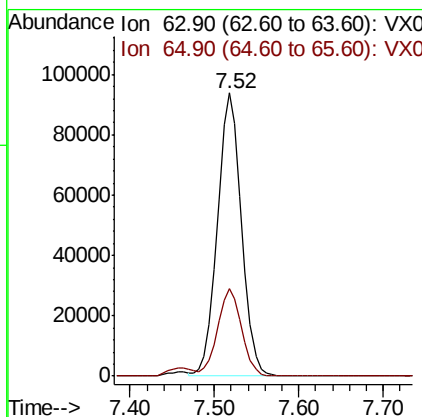
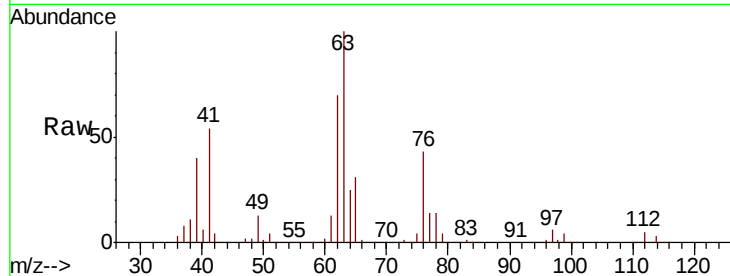
#45
 1,2-Dichloropropane
 Concen: 48.86 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.6	36.8

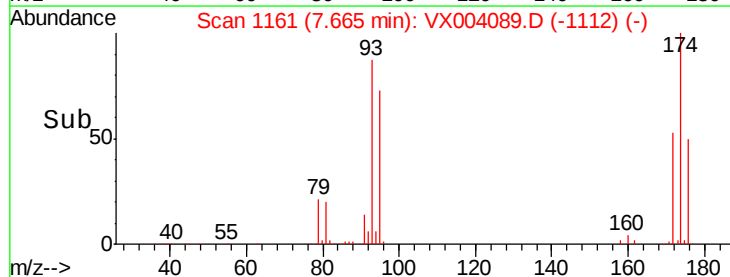
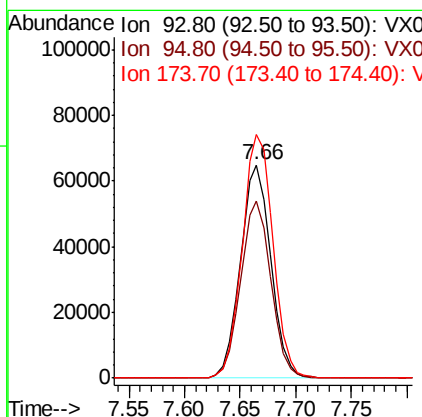
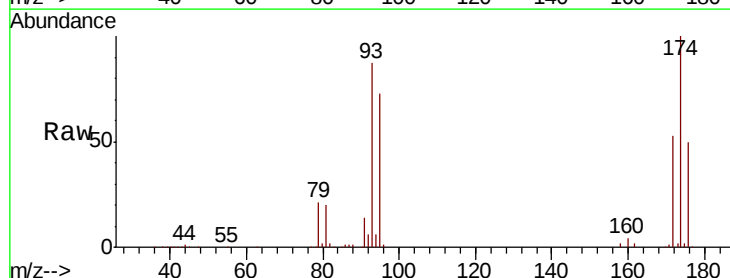
Manual Integrations
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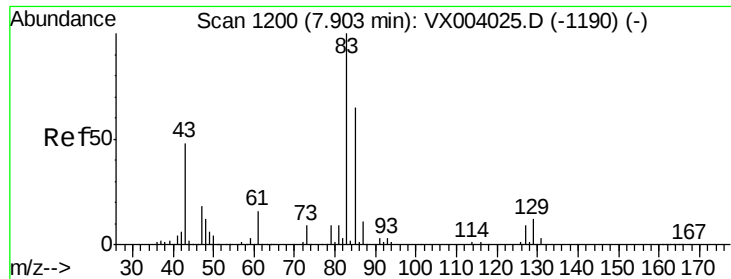
MMDadoda
 8/16/2018 4:39:49 PM



#46
 Dibromomethane
 Concen: 49.77 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.4	99.6
174	115.7	94.3	141.5





#47

Bromodichloromethane

Concen: 50.82 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 83 Resp: 238091

Ion Ratio Lower Upper

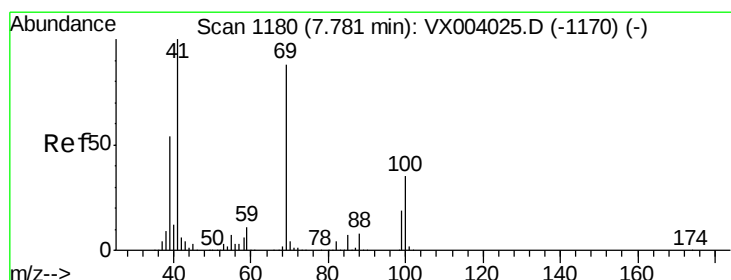
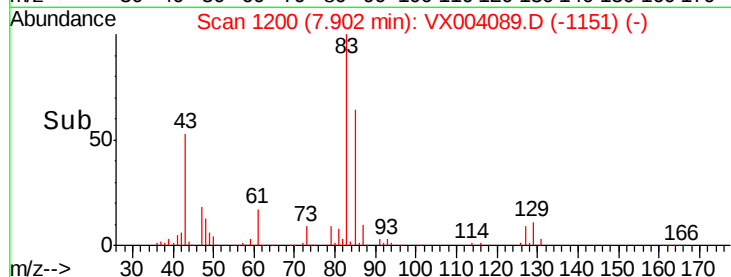
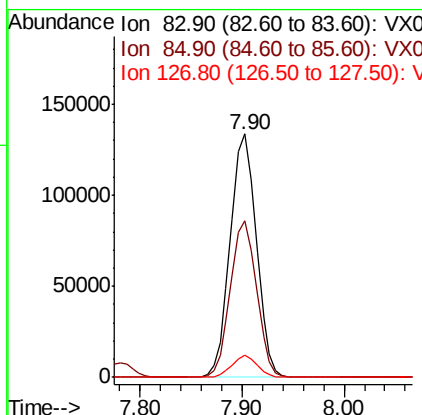
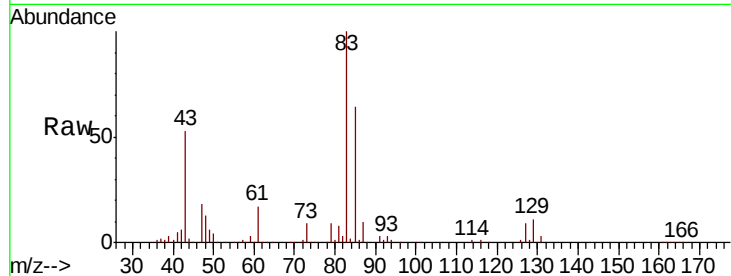
83 100

85 64.1 51.2 76.8

127 9.0 7.2 10.8

Manual Integrations
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MMDadoda
8/16/2018 4:39:49 PM



#48

Methyl methacrylate

Concen: 52.97 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

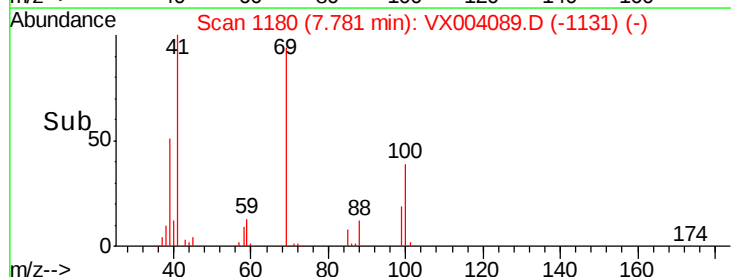
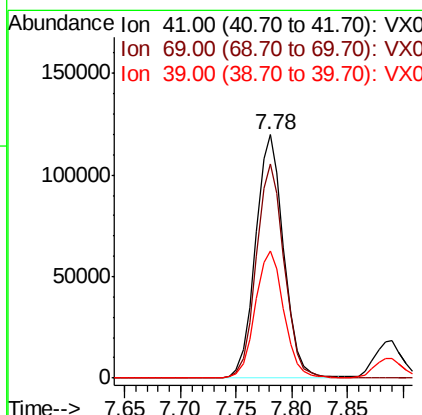
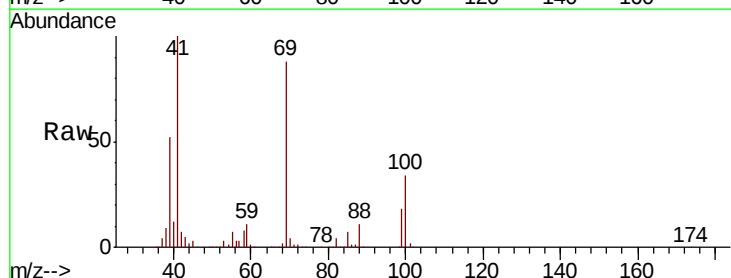
Tgt Ion: 41 Resp: 210763

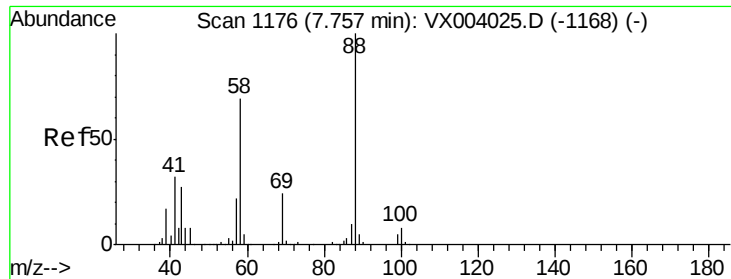
Ion Ratio Lower Upper

41 100

69 87.8 68.8 103.2

39 53.3 42.3 63.5





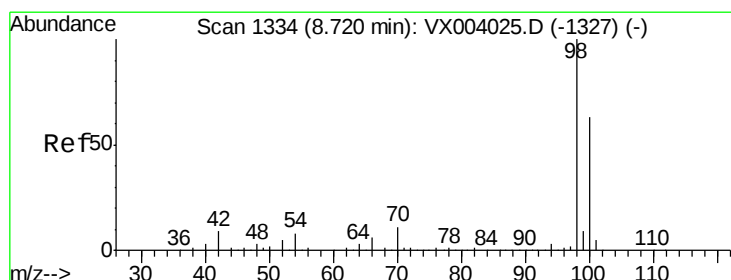
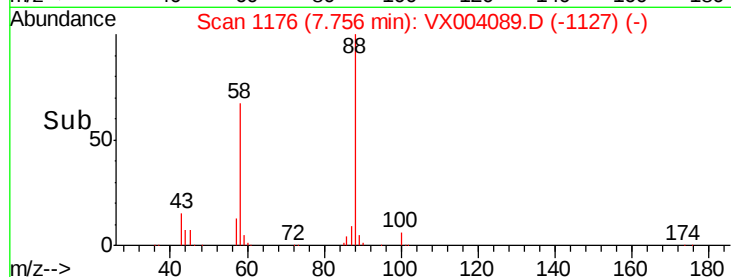
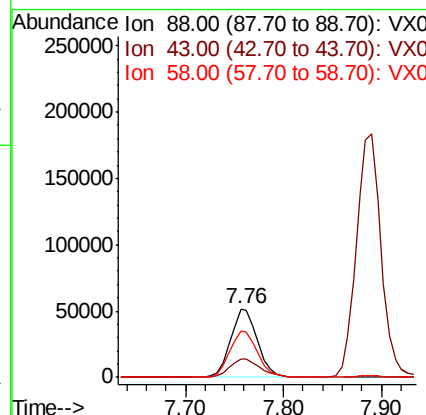
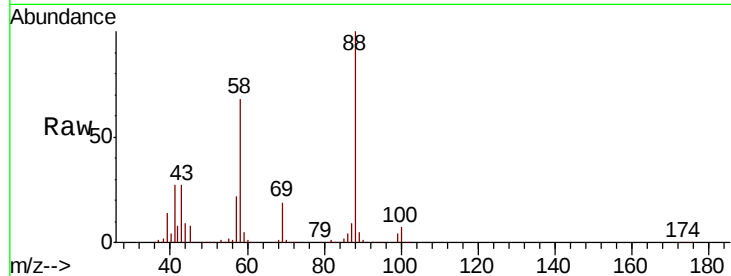
#49
1,4-Dioxane
Concen: 1091.50 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.1	23.8	35.8
58	70.1	55.4	83.0

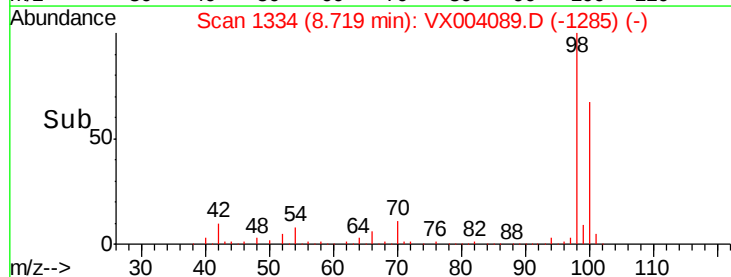
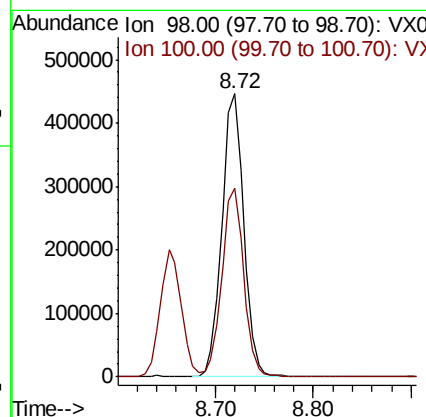
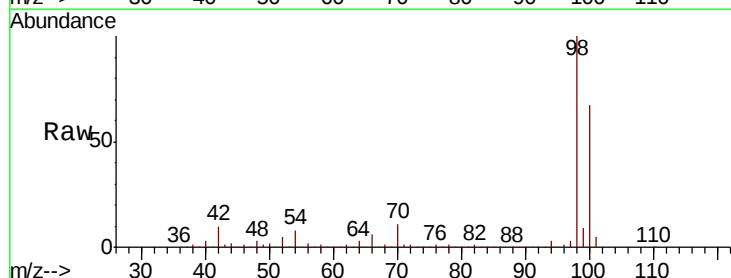
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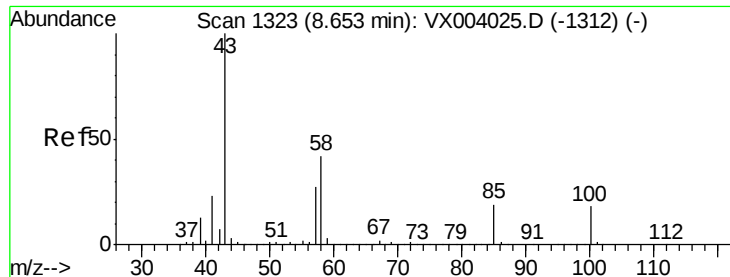
MMDadoda
8/16/2018 4:39:49 PM



#50
Toluene-d8
Concen: 52.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9





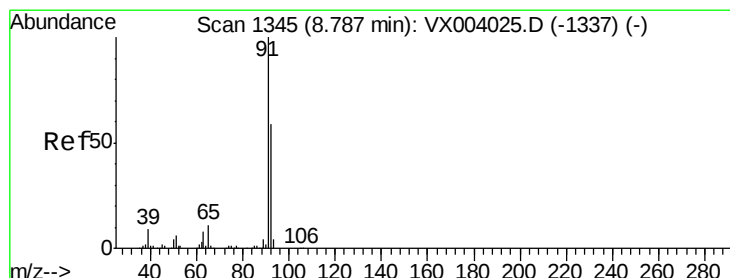
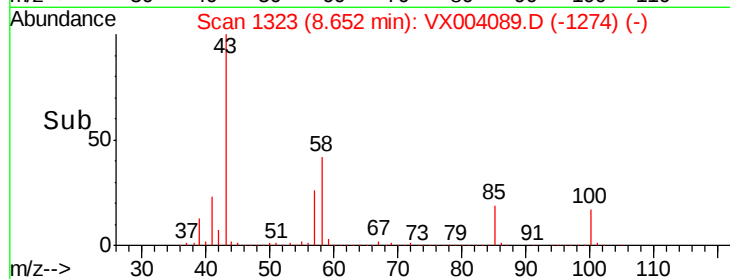
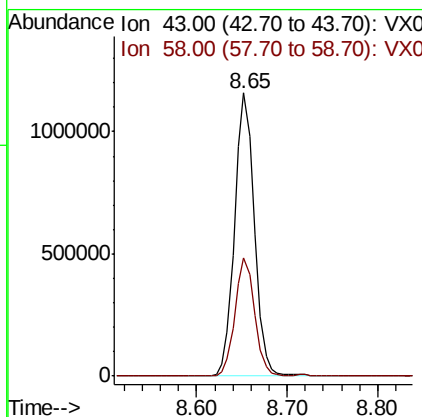
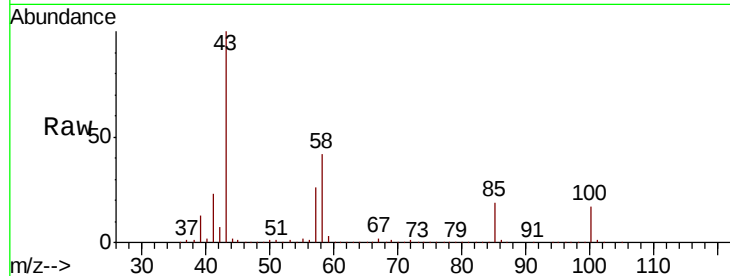
#51
 4-Methyl-2-Pentanone
 Concen: 271.28 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion: 43 Resp: 1758205
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6

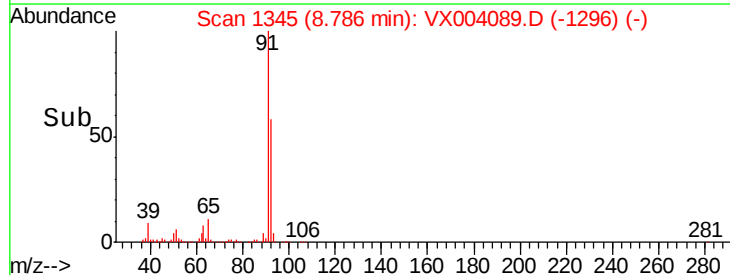
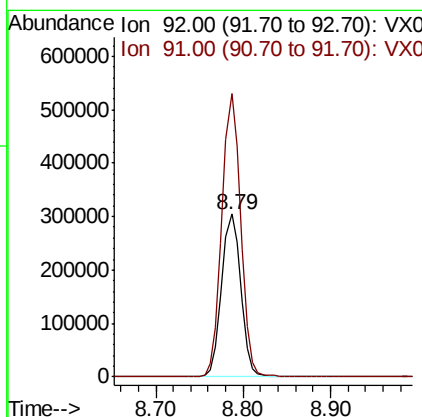
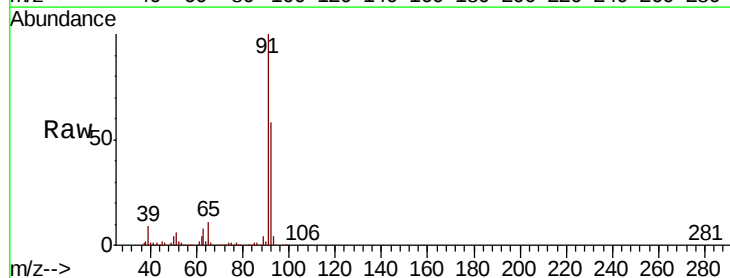
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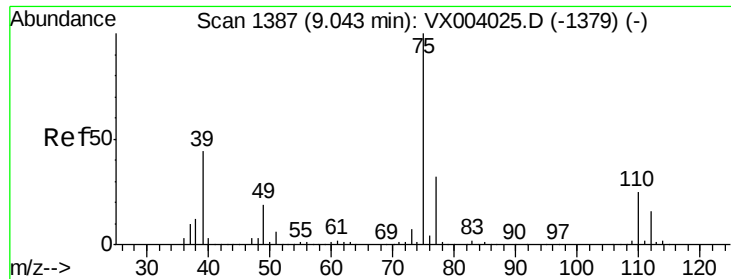
MMDadoda
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#52
 Toluene
 Concen: 49.57 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion: 92 Resp: 463605
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.1 204.1





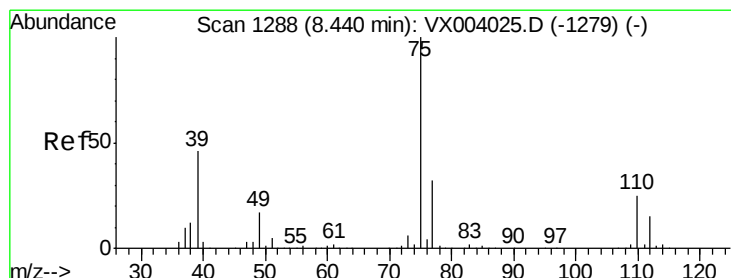
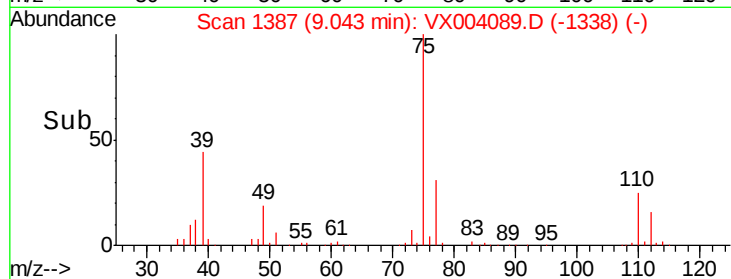
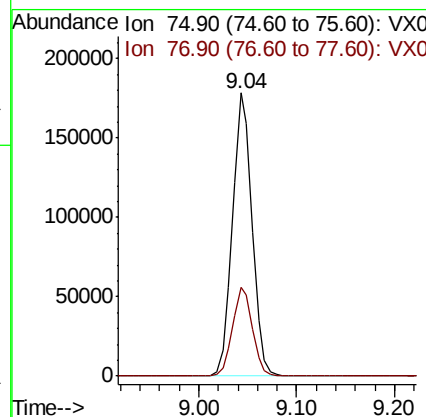
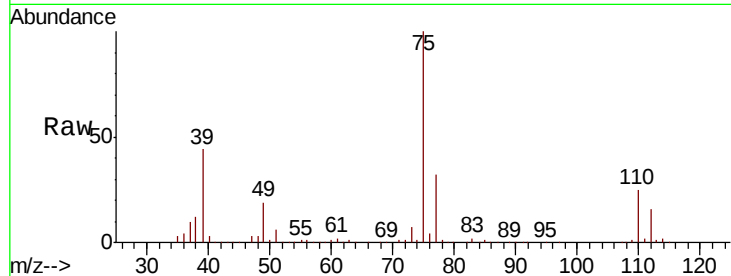
#53
t-1,3-Dichloropropene
Concen: 49.02 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7

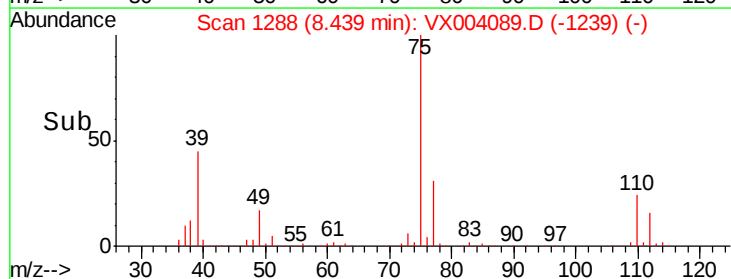
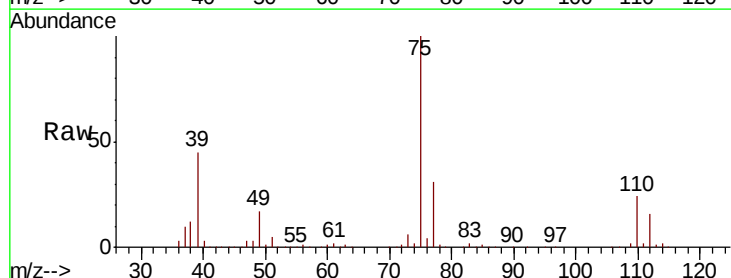
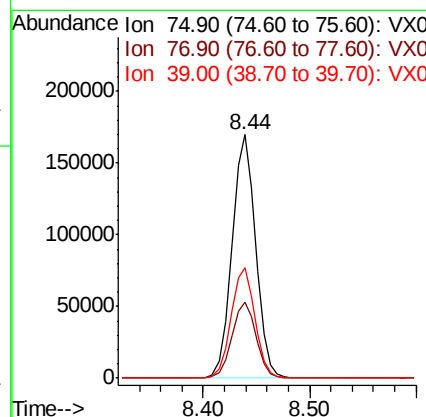
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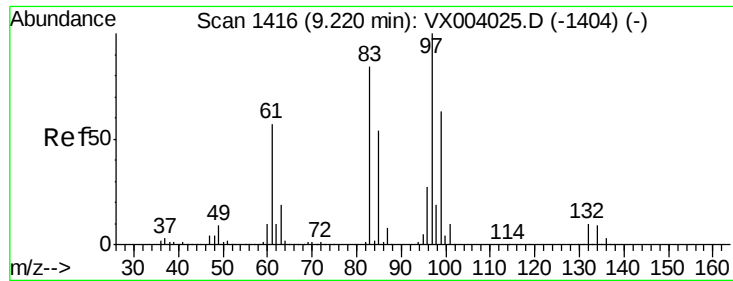
MMDadoda
8/16/2018 4:39:49 PM



#54
cis-1,3-Dichloropropene
Concen: 47.01 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9
39	45.1	36.2	54.2





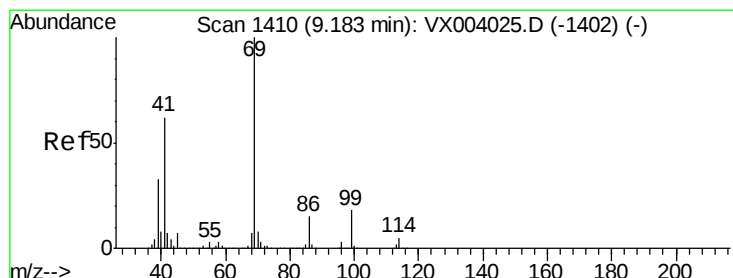
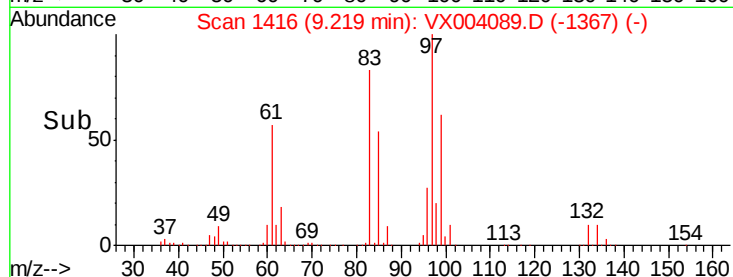
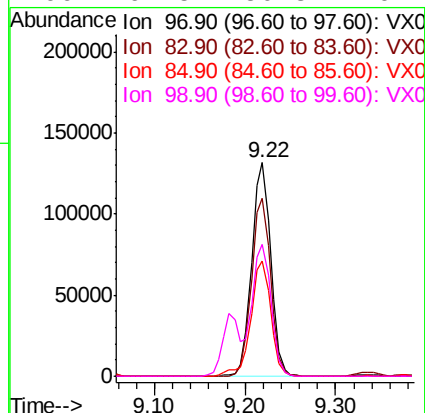
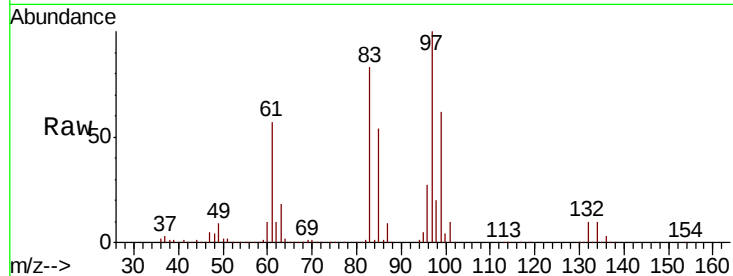
#55
 1,1,2-Trichloroethane
 Concen: 49.54 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191319		
83	83.5	67.8	101.6		
85	53.7	44.2	66.2		
99	61.5	50.8	76.2		

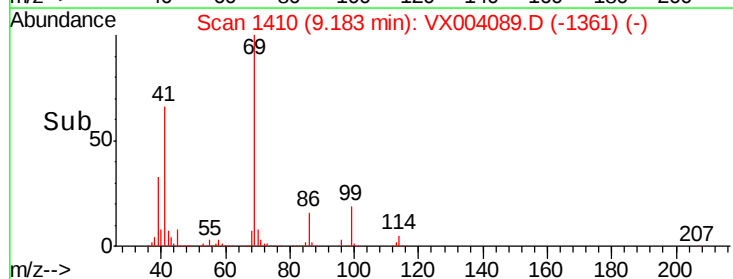
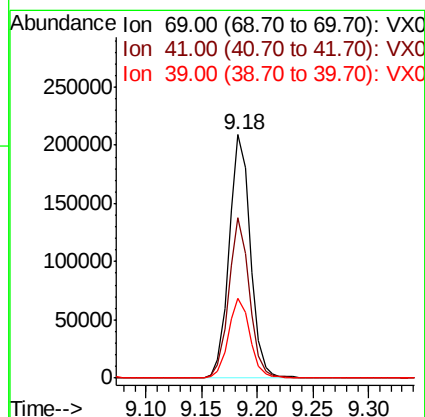
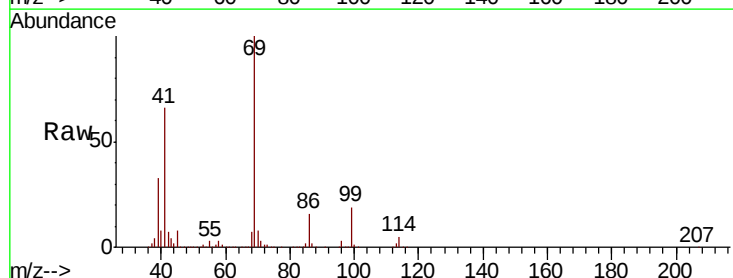
Manual Integrations
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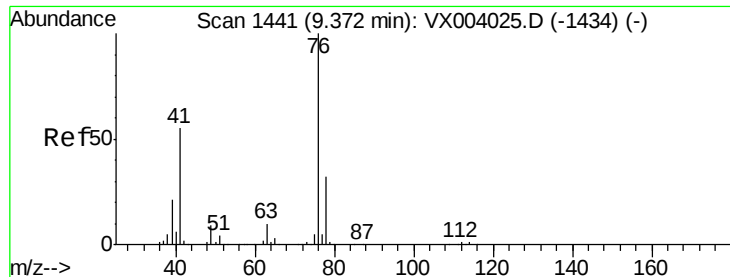
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 52.74 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		276981		
41	63.6	50.6	76.0		
39	33.3	25.8	38.6		





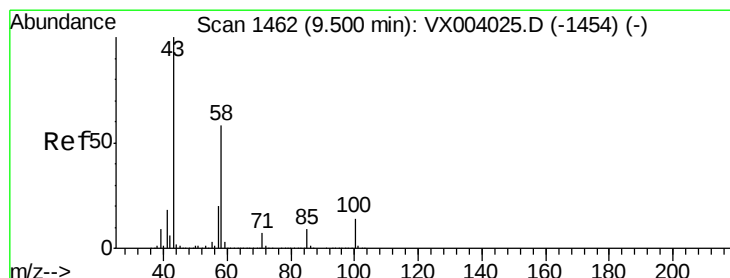
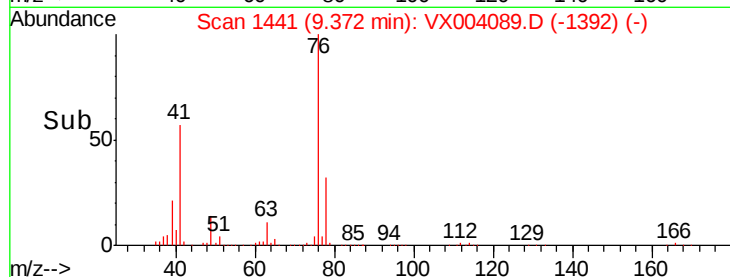
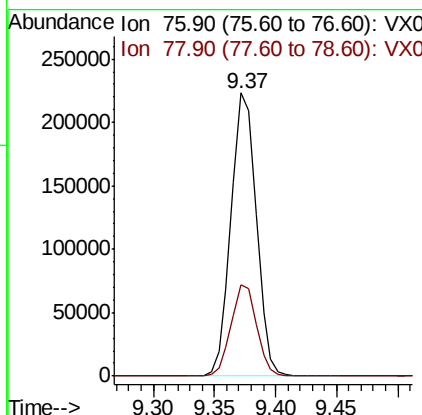
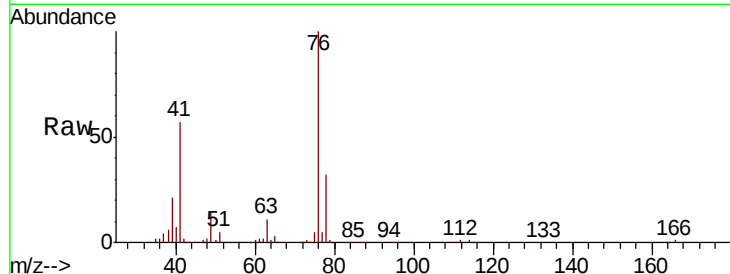
#57
 1,3-Dichloropropane
 Concen: 50.00 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

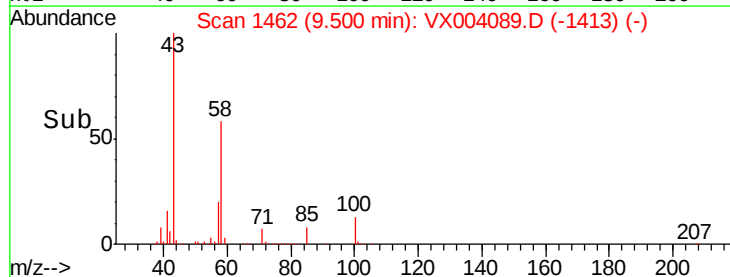
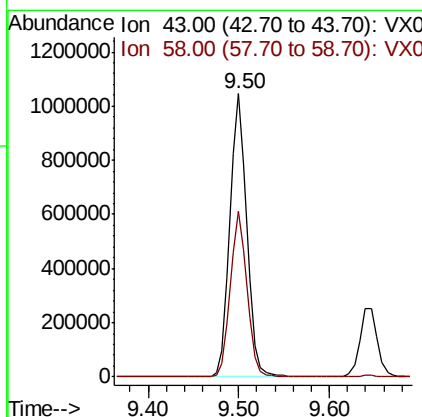
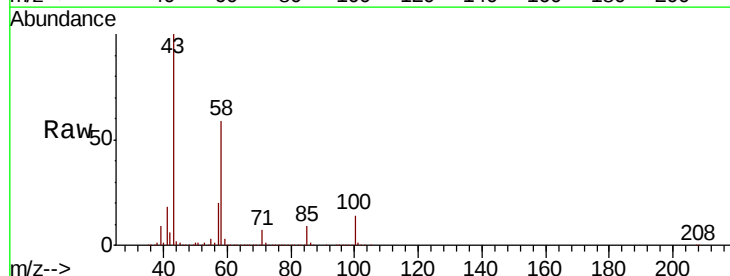
Manual Integrations
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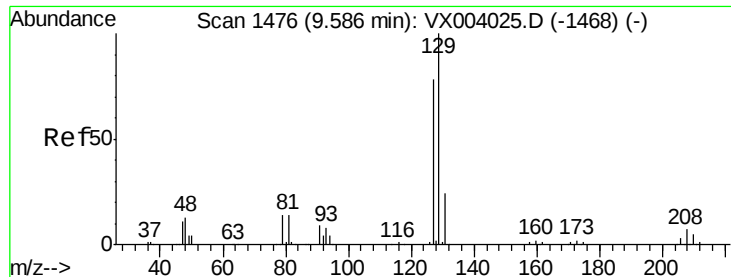
MMDadoda
 8/16/2018 4:39:49 PM



#59
 2-Hexanone
 Concen: 277.90 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.9	29.0	87.0





#60

Dibromochloromethane

Concen: 51.30 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion:129 Resp: 190668

Ion Ratio Lower Upper

129 100

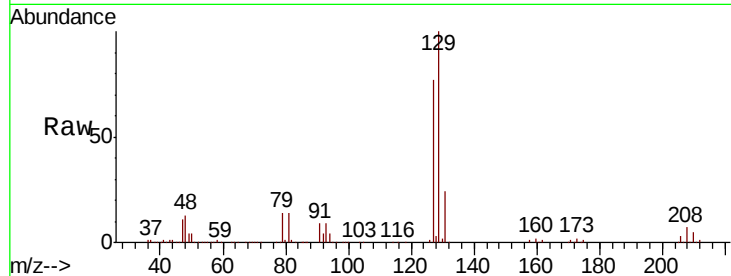
127 77.2 38.8 116.3

Manual Integrations

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MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

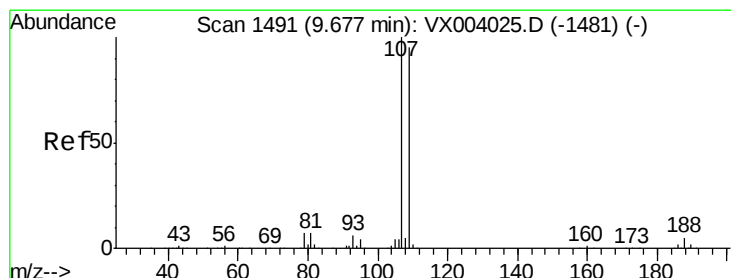
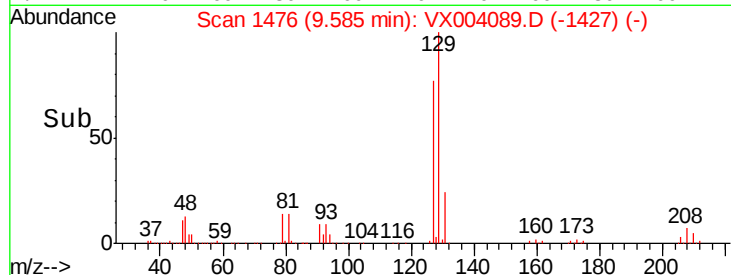
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004089.D

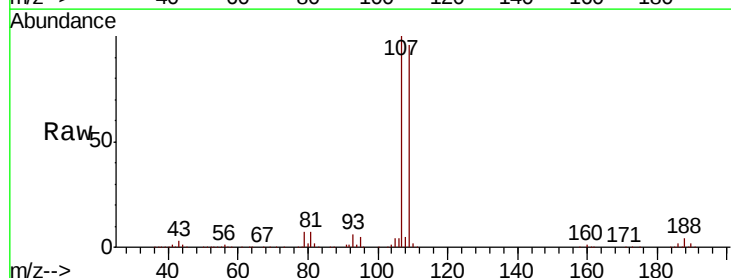
Acq: 15 Aug 2018 22:41

Tgt Ion:107 Resp: 199230

Ion Ratio Lower Upper

107 100

109 95.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

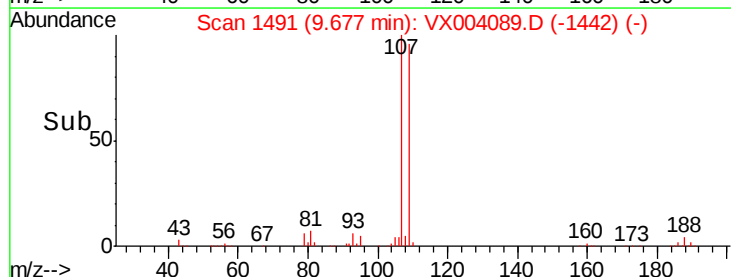
150000

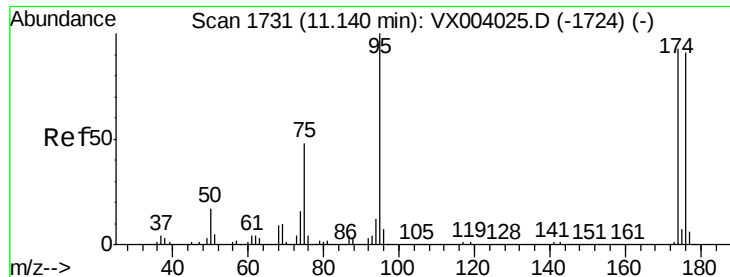
100000

50000

0

Time-->





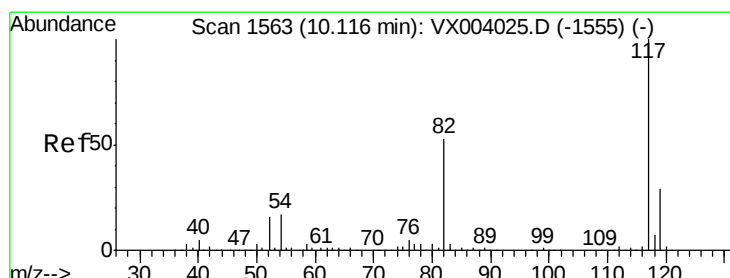
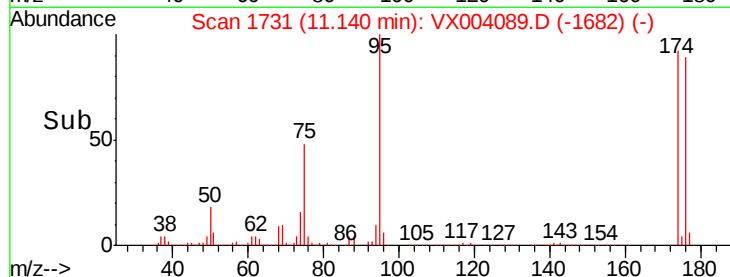
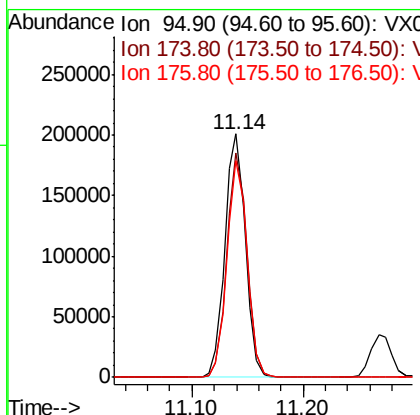
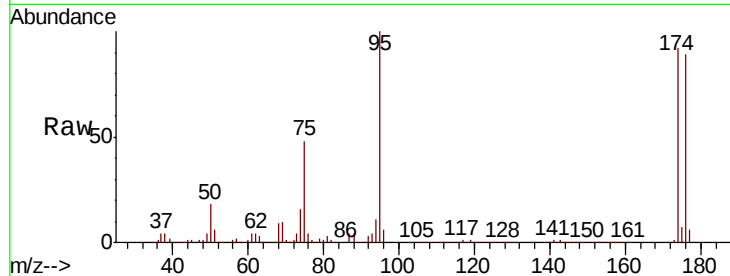
#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	255776		
174	90.6	0.0	182.8	
176	87.8	0.0	179.0	

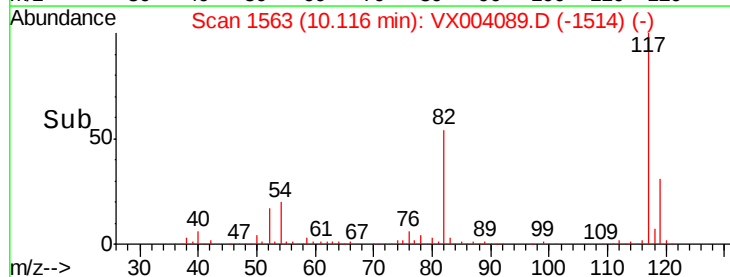
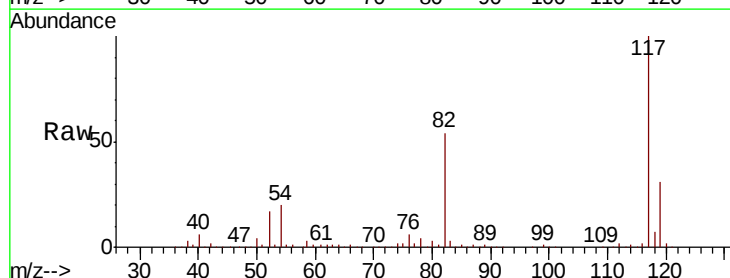
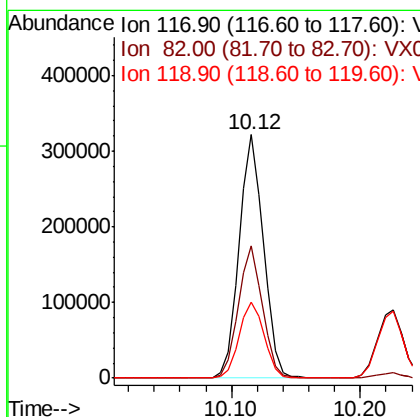
Manual Integrations
APPROVED

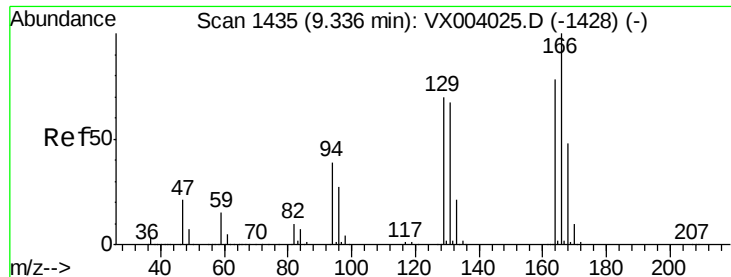
MMDadoda
8/16/2018 4:39:49 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	420607		
82	54.3	45.4	68.0	
119	31.4	26.6	40.0	





#64

Tetrachloroethene

Concen: 48.82 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion:164 Resp: 194629

Ion Ratio Lower Upper

164 100

166 129.1 98.0 147.0

129 87.4 64.3 96.5

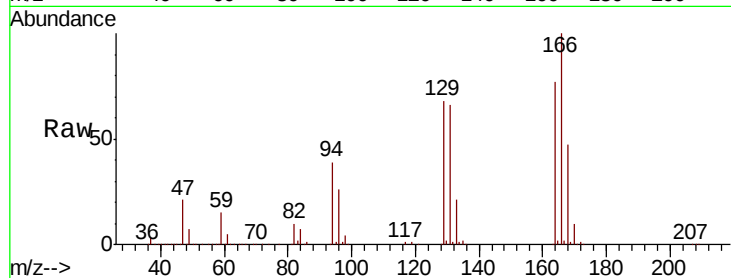
131 85.3 66.8 100.2

Manual Integrations

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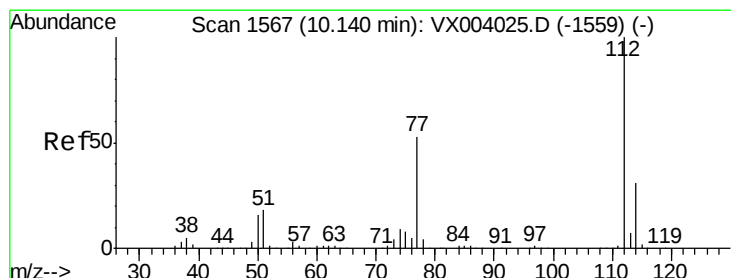
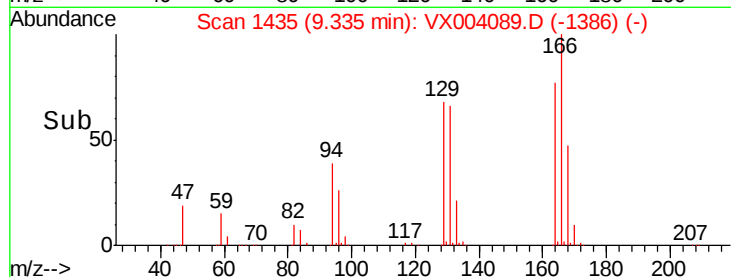
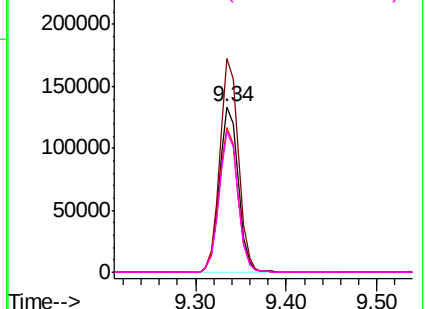
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.61 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004089.D

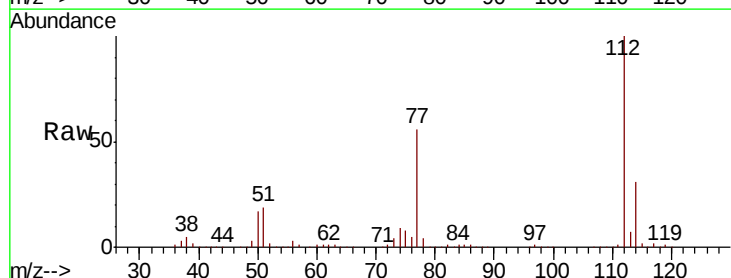
Acq: 15 Aug 2018 22:41

Tgt Ion:112 Resp: 517303

Ion Ratio Lower Upper

112 100

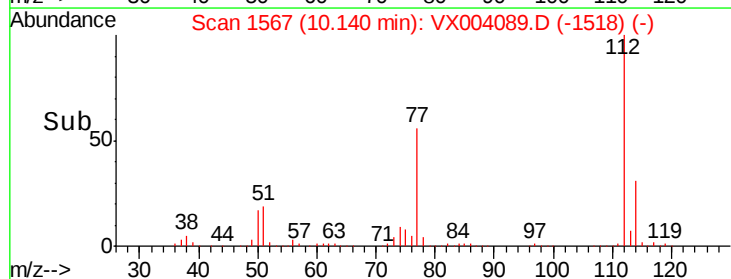
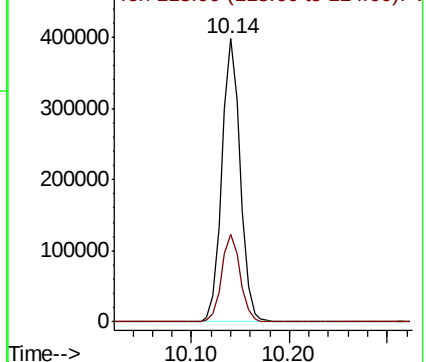
114 31.1 23.6 35.4

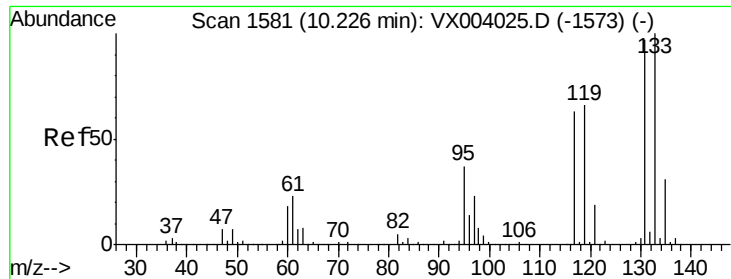


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





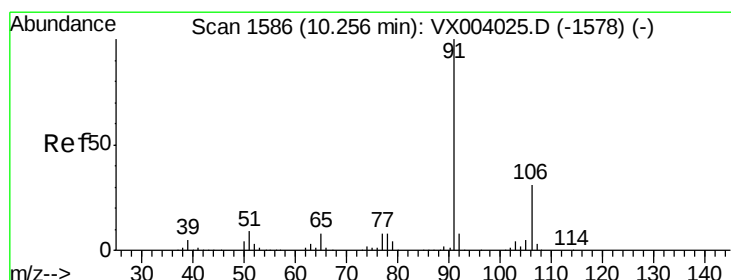
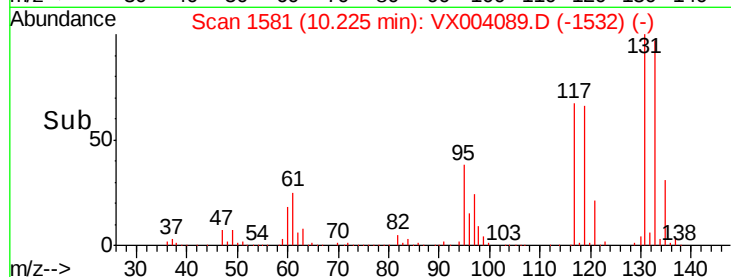
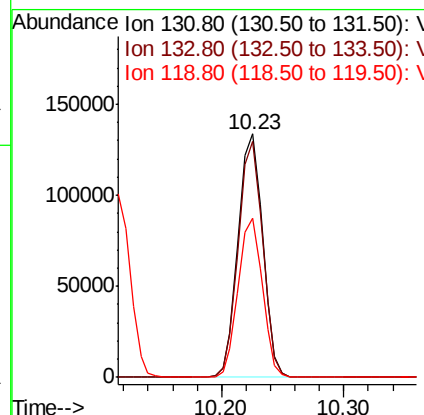
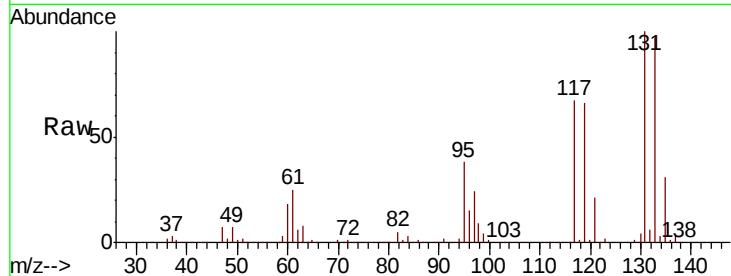
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.18 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100			
133	96.2	47.3	141.8	
119	64.7	31.6	94.8	

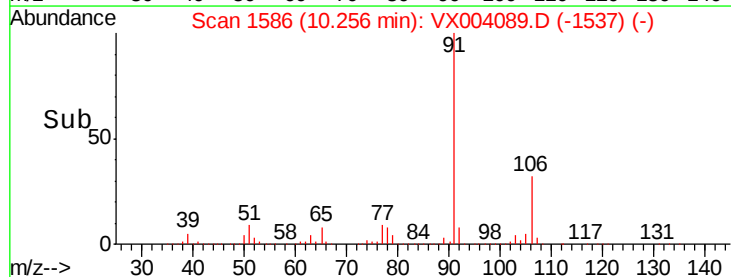
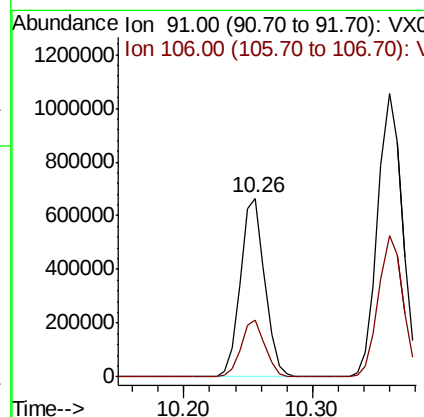
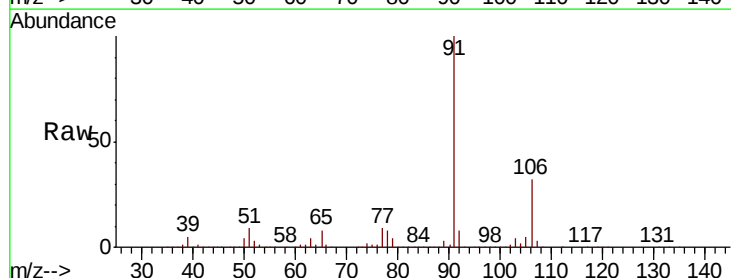
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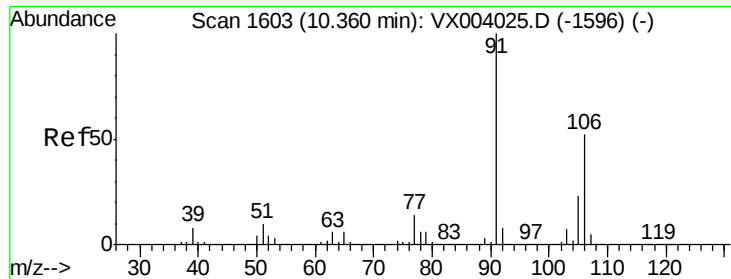
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#67
 Ethyl Benzene
 Concen: 50.90 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
106	32.1	25.9	38.9	





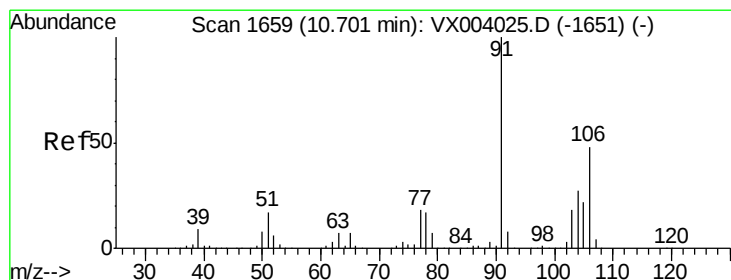
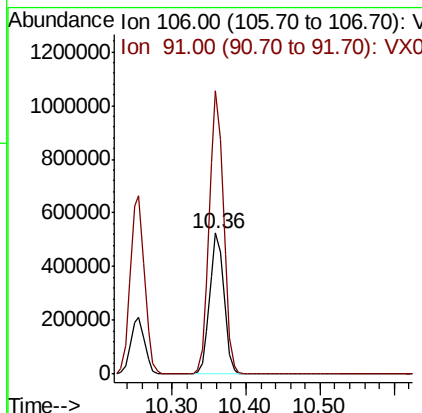
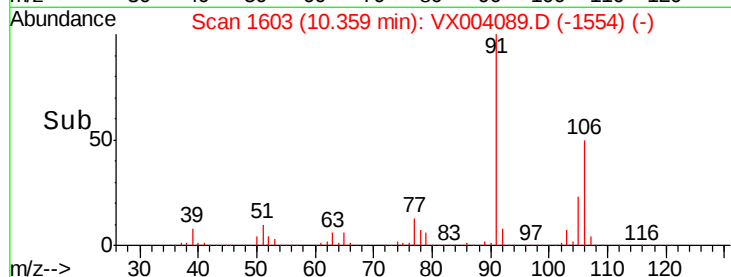
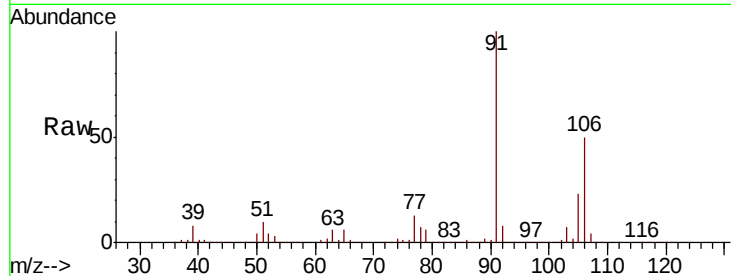
#68
m/p-Xvlenes
Concen: 102.46 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion:106 Resp: 690325
Ion Ratio Lower Upper
106 100
91 200.7 162.3 243.5

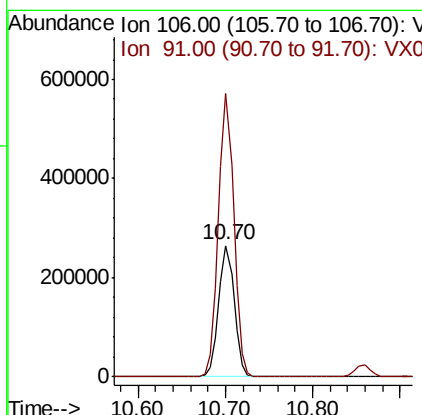
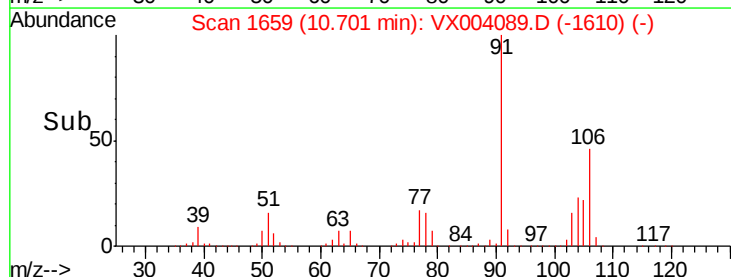
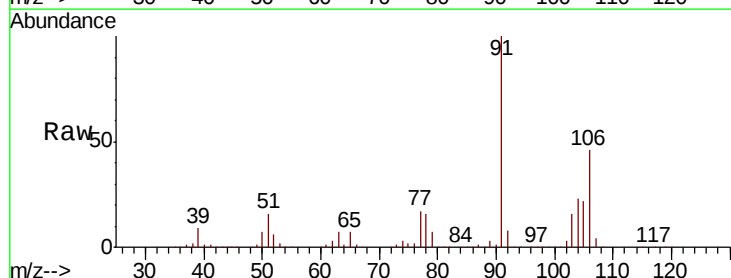
Manual Integrations
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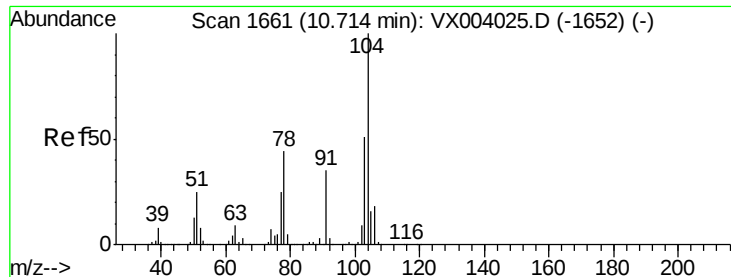
MMDadoda
8/16/2018 4:39:49 PM



#69
o-Xylene
Concen: 50.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion:106 Resp: 327755
Ion Ratio Lower Upper
106 100
91 212.5 101.9 305.7





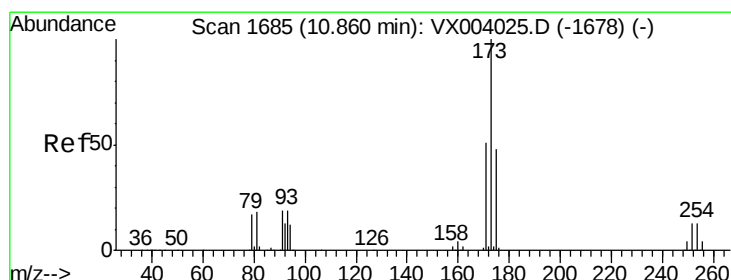
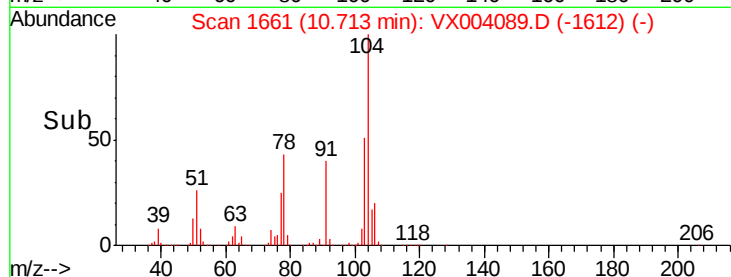
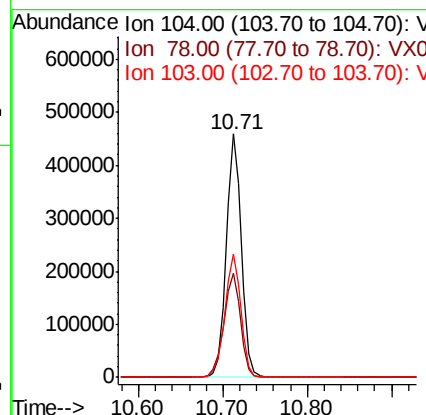
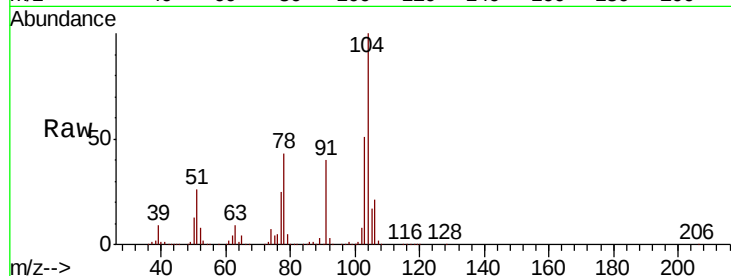
#70
Stvrene
Concen: 52.62 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.8	59.6
103	54.2	44.3	66.5

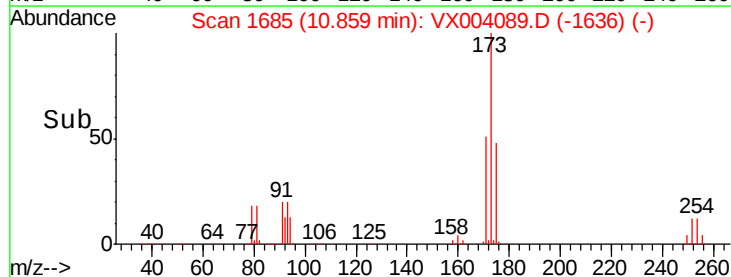
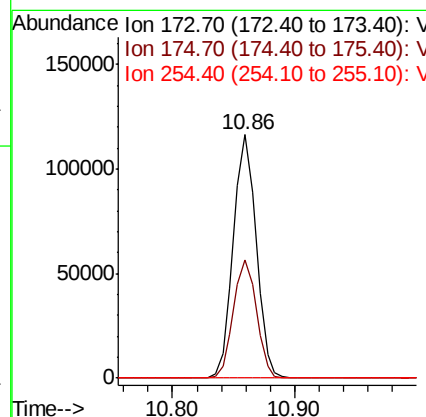
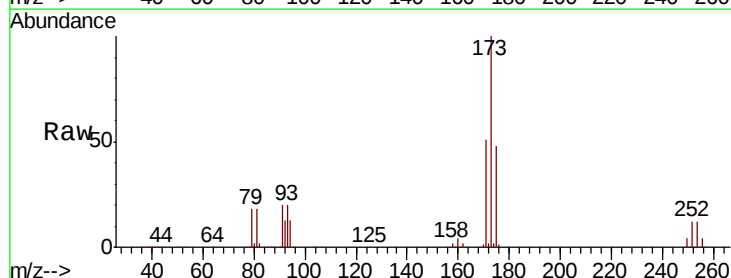
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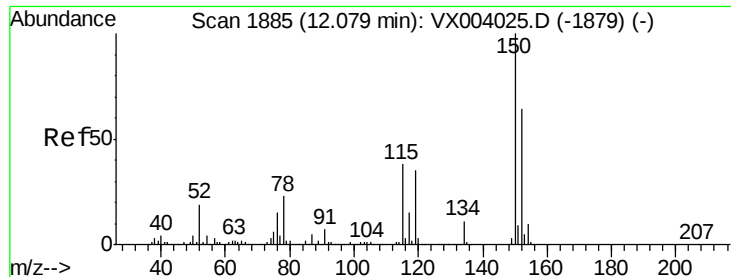
MMDadoda
8/16/2018 4:39:49 PM



#71
Bromoform
Concen: 51.10 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	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: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

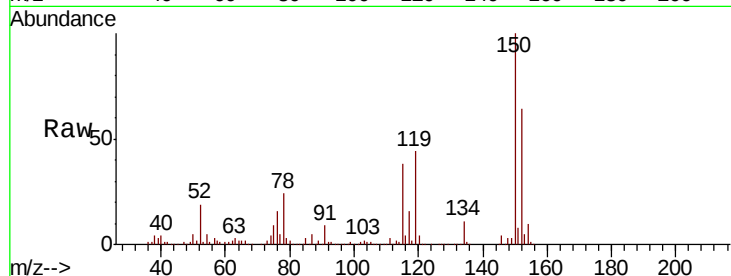
ClientSampleId :

MW-295-SRI3MS

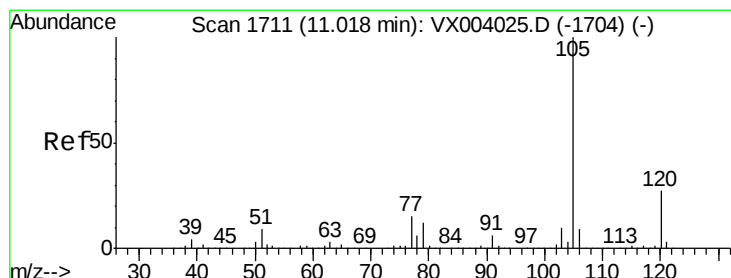
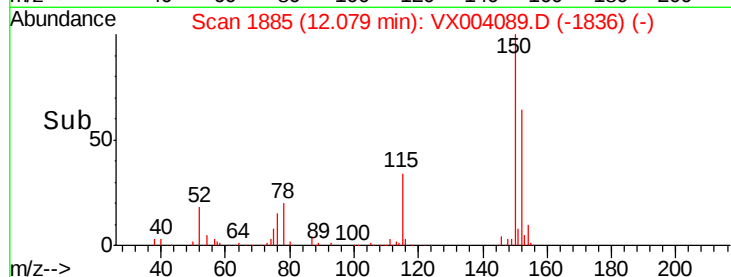
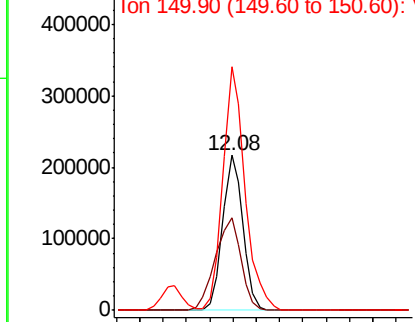
Tot Ion:	152	Resp:	259255
Ion Ratio	Lower	Upper	
152	100		
115	75.4	39.1	117.3
150	172.0	0.0	349.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.76 ug/l

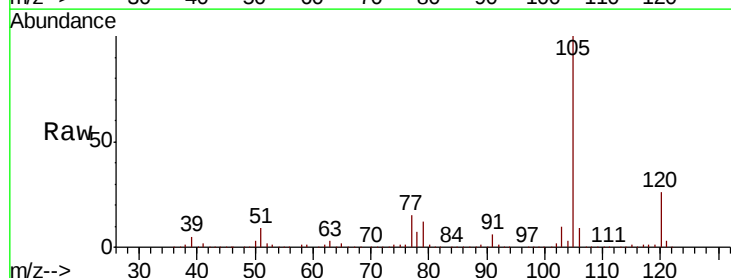
RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

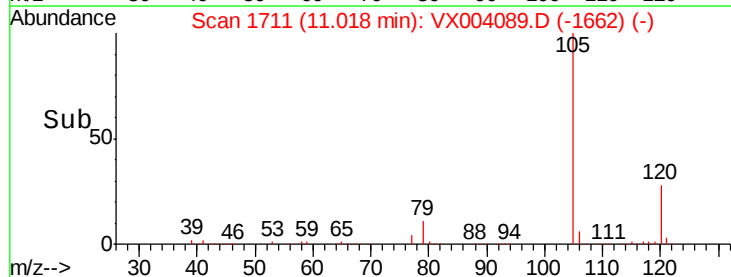
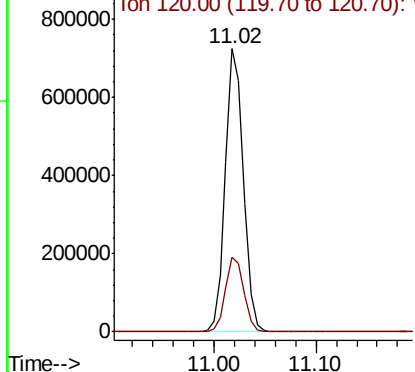
Lab File: VX004089.D

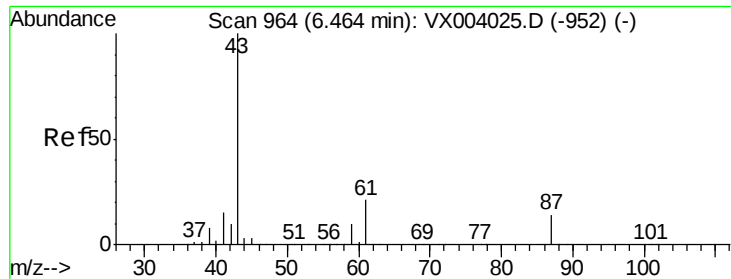
Acq: 15 Aug 2018 22:41

Tgt Ion:	105	Resp:	890612
Ion Ratio	Lower	Upper	
105	100		
120	26.8	12.6	37.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.93 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

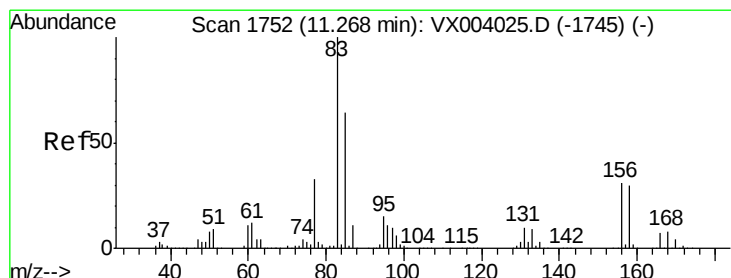
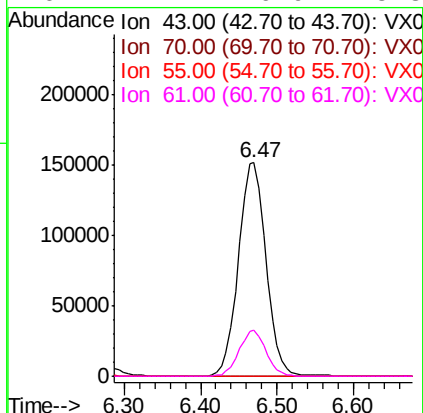
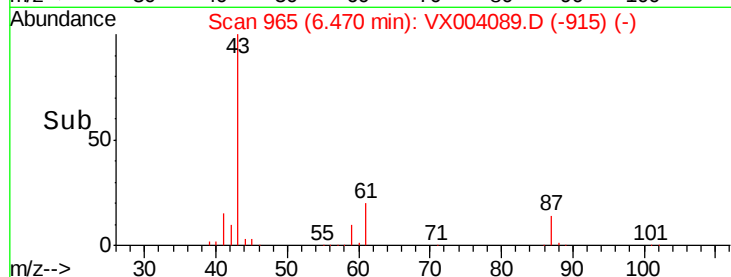
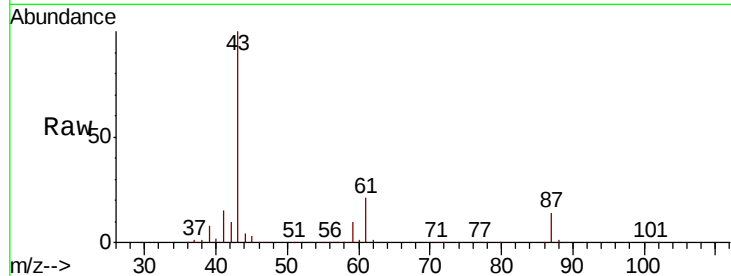
ClientSampleId :

MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1
61	21.1	16.9	25.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.69 ug/l

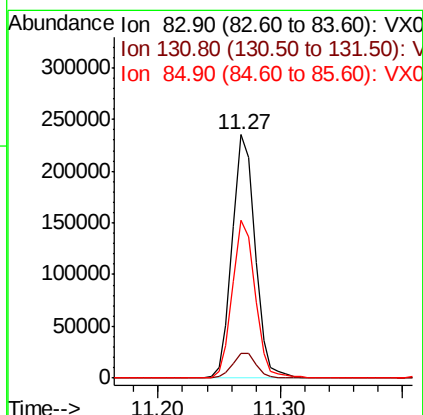
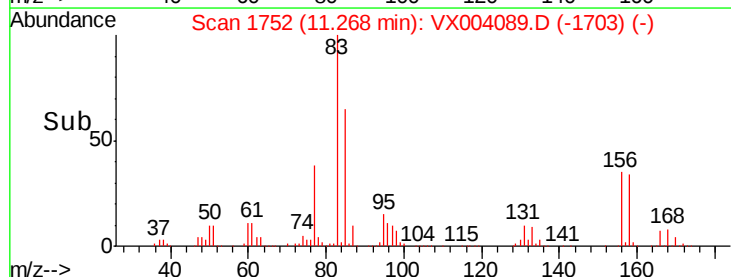
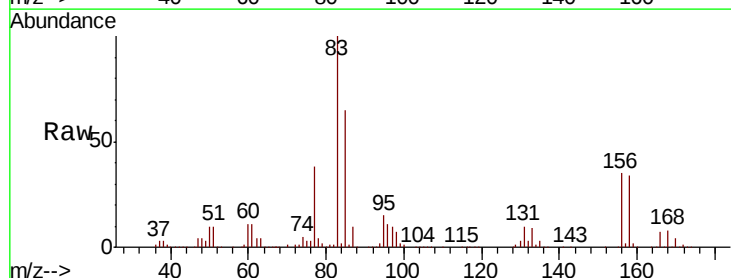
RT: 11.27 min Scan# 1752

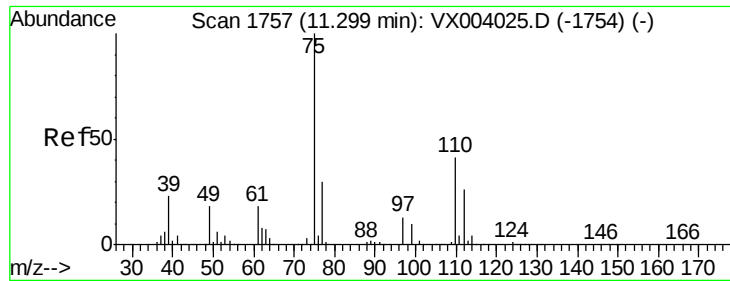
Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.5	32.2	96.6





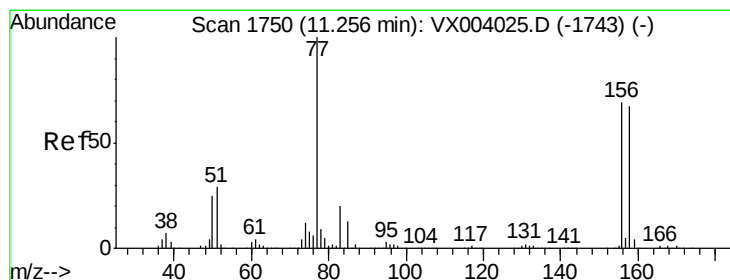
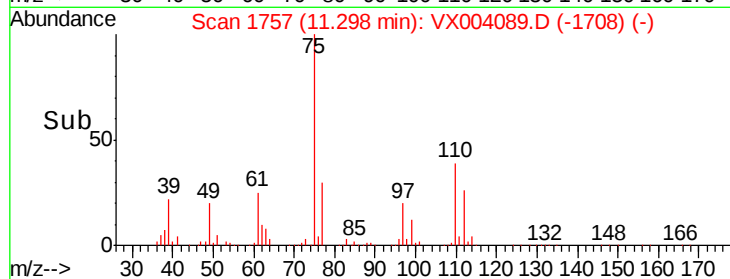
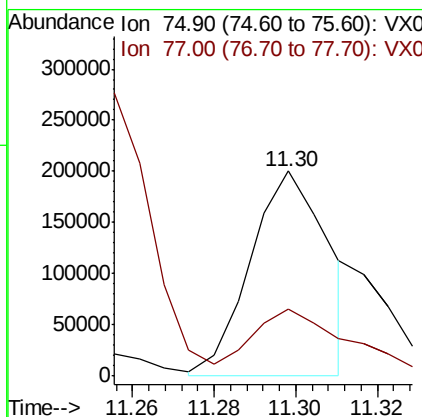
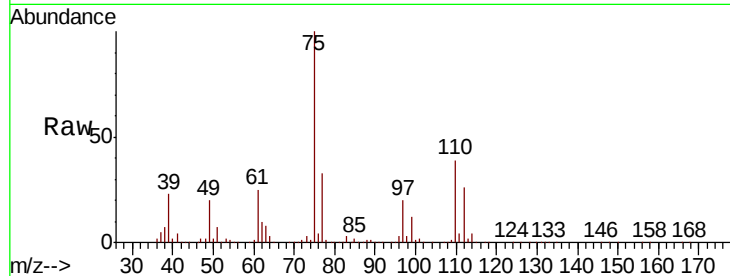
#76
 1,2,3-Trichloropropane
 Concen: 50.94 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion: 75 Resp: 264833
 Ion Ratio Lower Upper
 75 100
 77 40.9 20.8 62.5

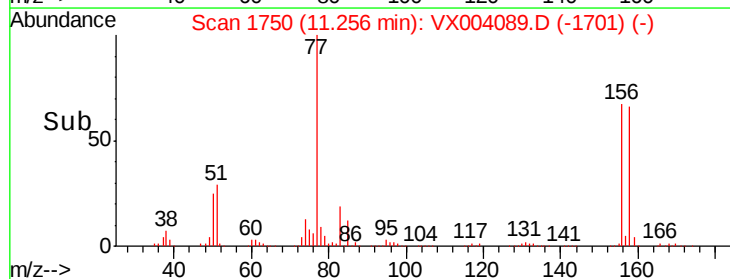
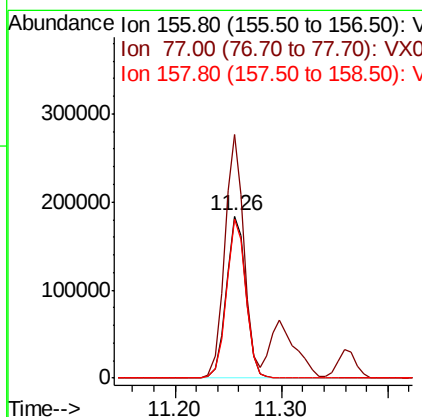
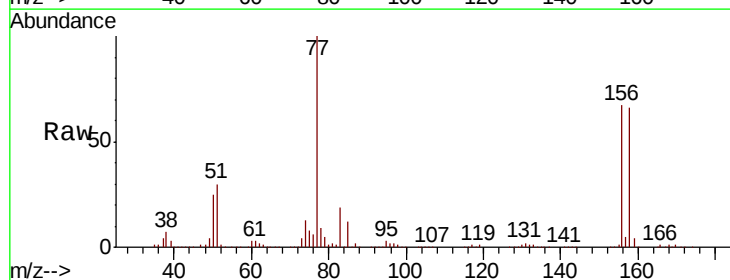
Manual Integrations
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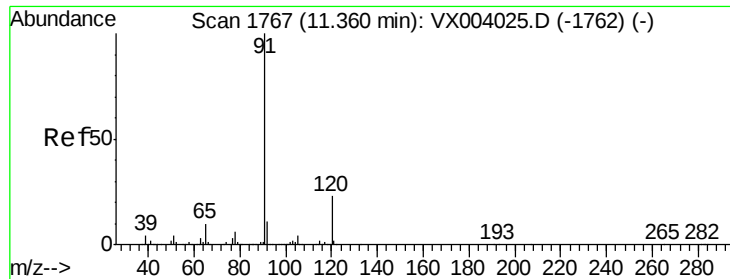
MMDadoda
 8/16/2018 4:39:49 PM



#77
 Bromobenzene
 Concen: 48.73 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion: 156 Resp: 235660
 Ion Ratio Lower Upper
 156 100
 77 147.4 74.1 222.2
 158 97.5 48.6 145.9





#78

n-propylbenzene

Concen: 51.79 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 91 Resp: 1016795

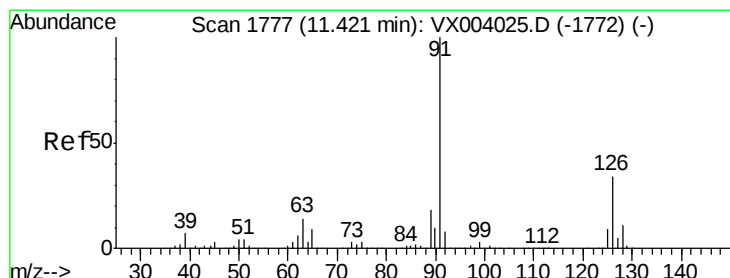
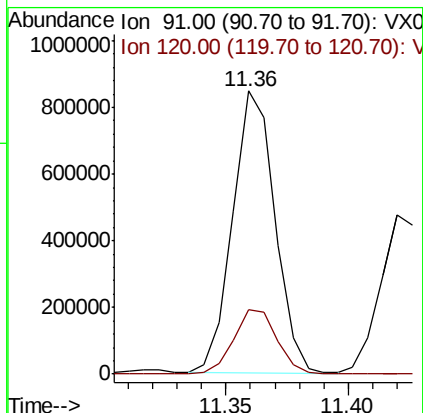
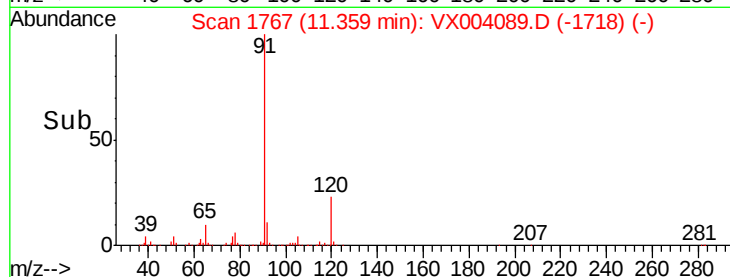
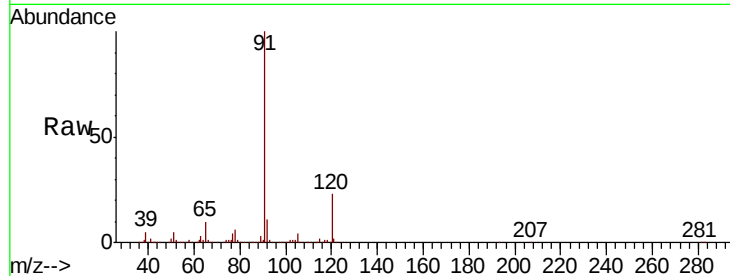
Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 50.65 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004089.D

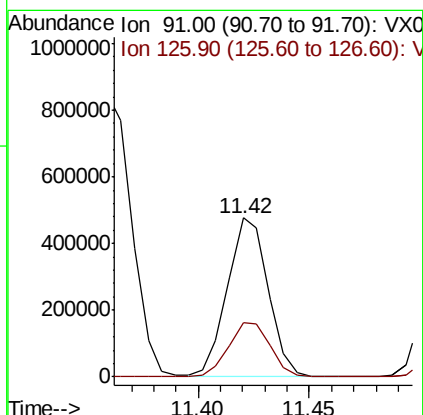
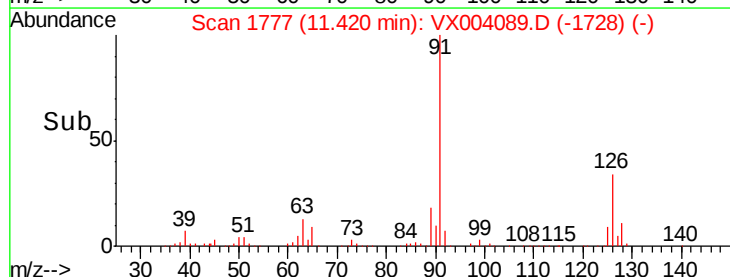
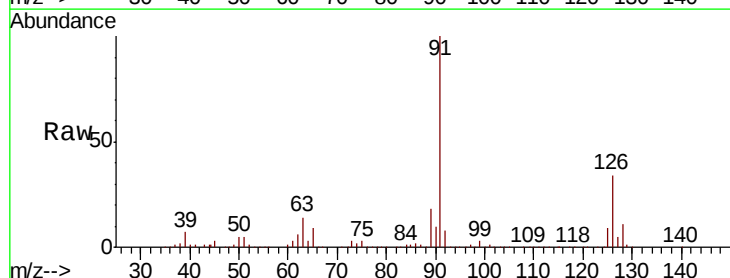
Acq: 15 Aug 2018 22:41

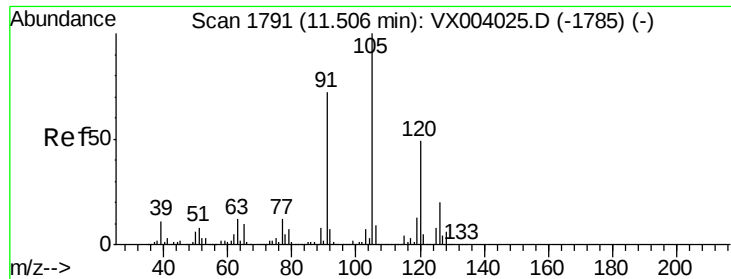
Tgt Ion: 91 Resp: 606033

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3





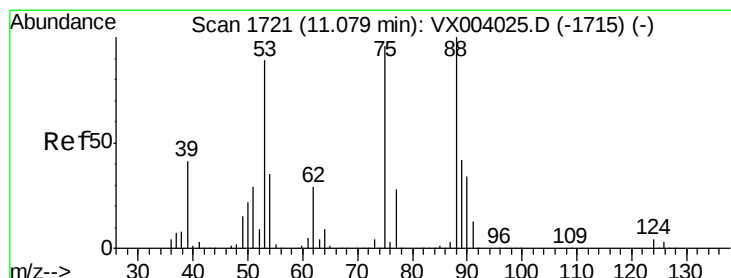
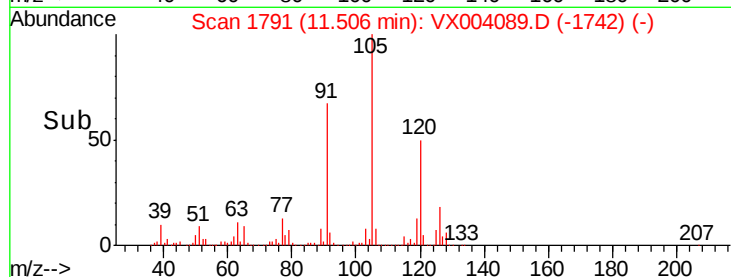
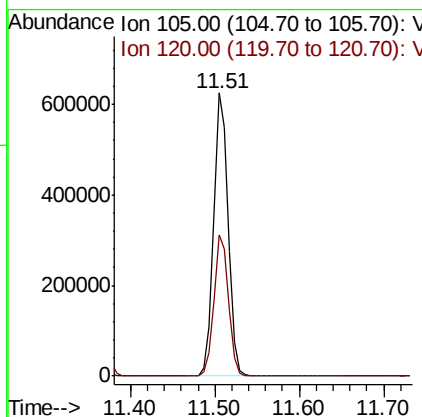
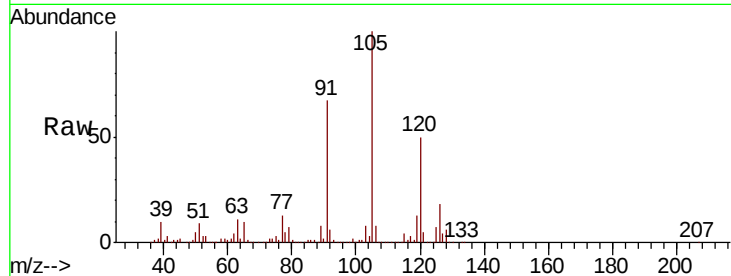
#80
 1,3,5-Trimethylbenzene
 Concen: 51.80 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion:105 Resp: 744137
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.4 76.2

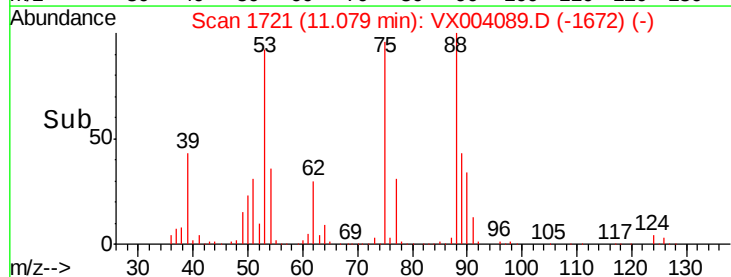
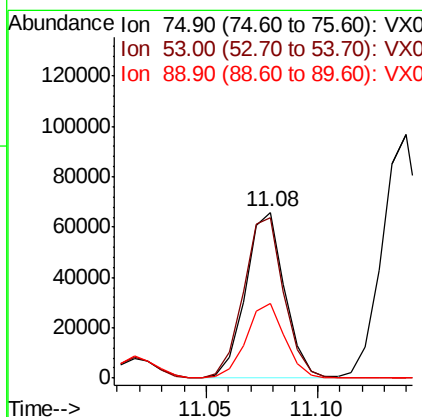
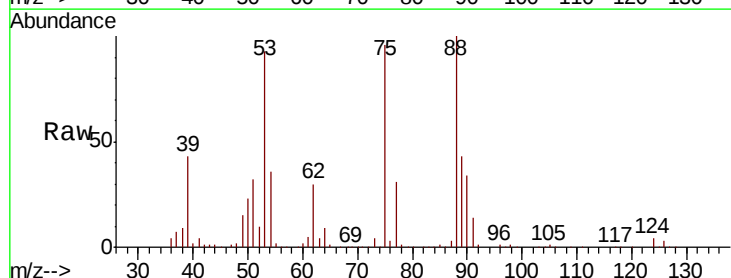
Manual Integrations
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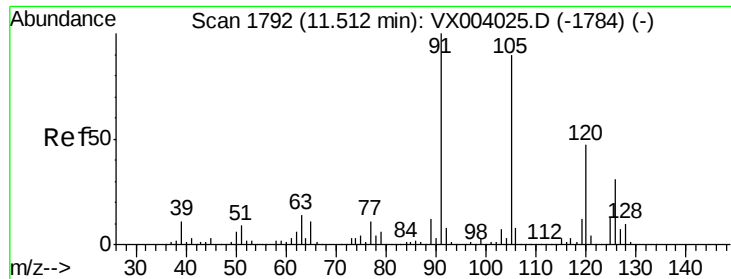
MMDadoda
 8/16/2018 4:39:49 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.57 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion: 75 Resp: 79892
 Ion Ratio Lower Upper
 75 100
 53 99.9 80.3 120.5
 89 45.1 37.8 56.8





#82

4-Chlorotoluene

Concen: 50.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MS

Tot Ion: 91 Resp: 712988

Ion Ratio Lower Upper

91 100

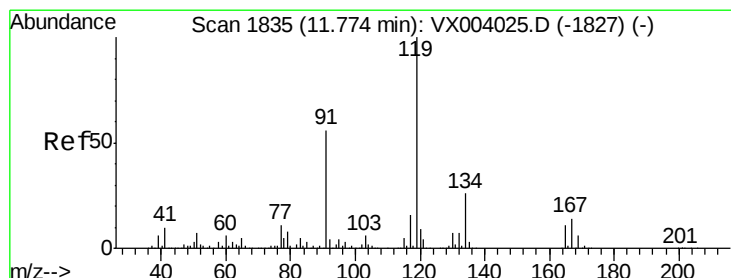
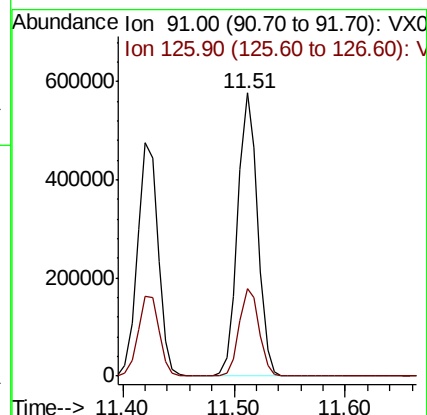
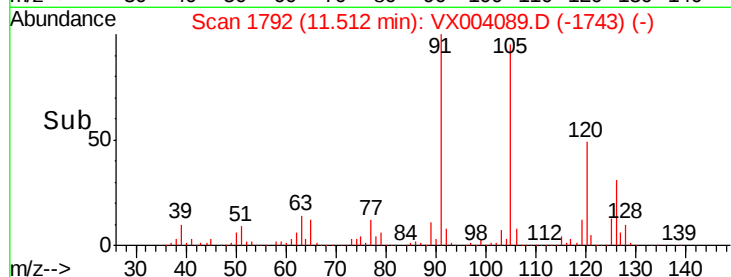
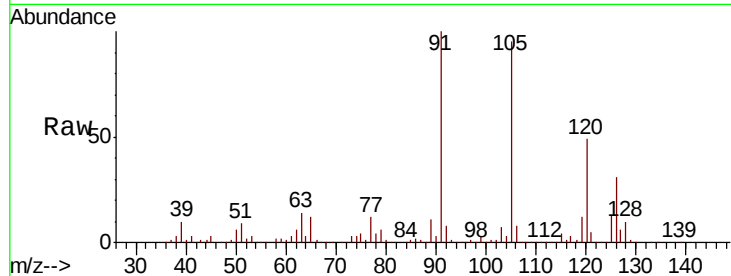
126 31.0 15.6 46.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 50.51 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

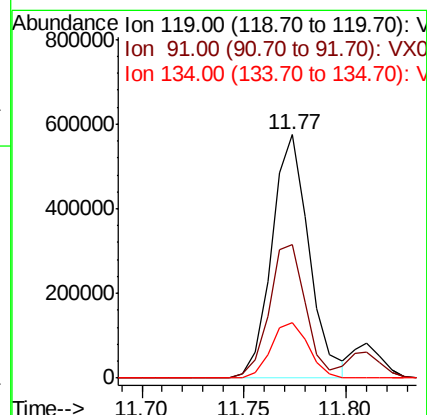
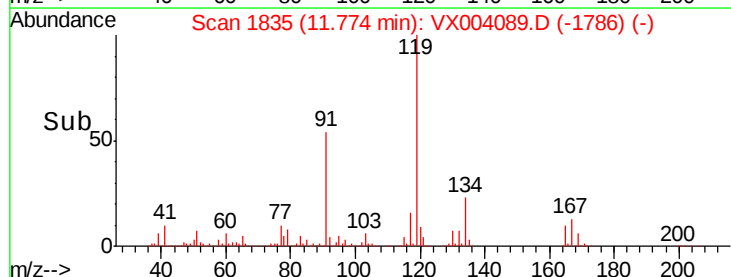
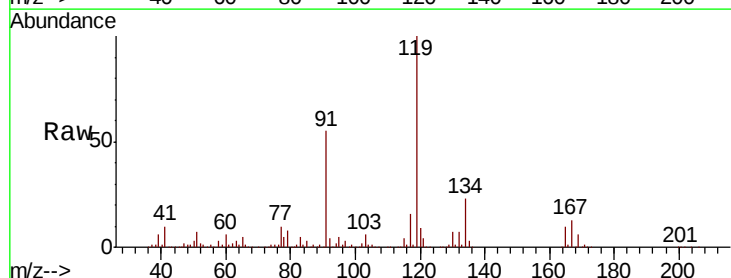
Tgt Ion: 119 Resp: 731641

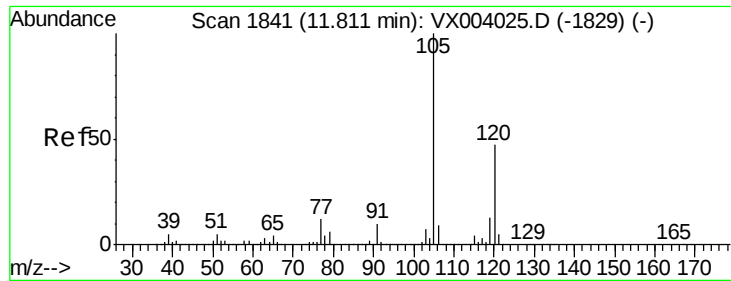
Ion Ratio Lower Upper

119 100

91 53.4 26.9 80.7

134 23.3 12.0 36.0





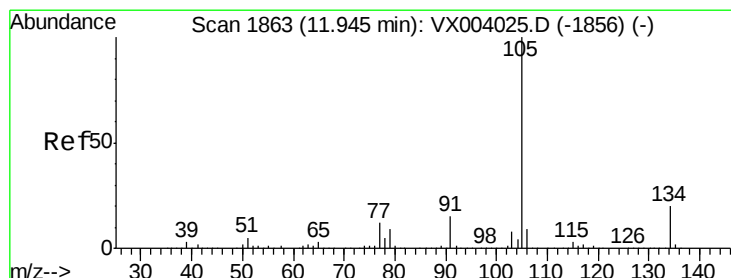
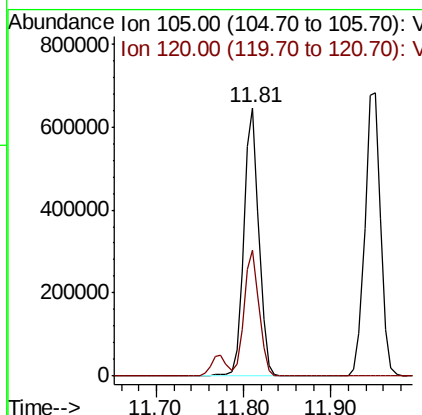
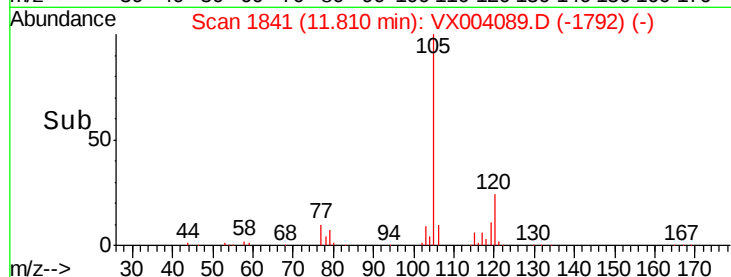
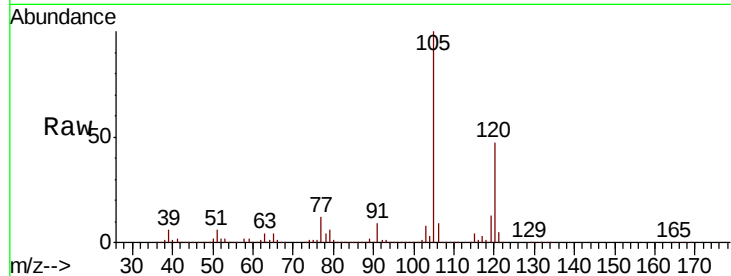
#84
1,2,4-Trimethylbenzene
Concen: 51.69 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2

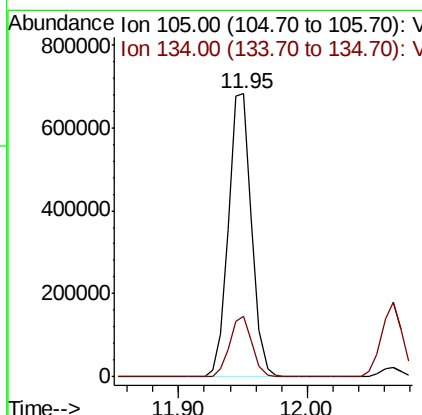
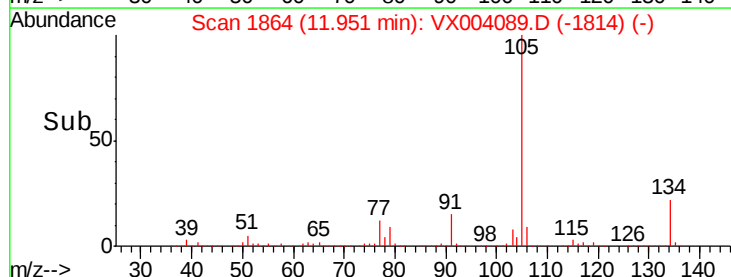
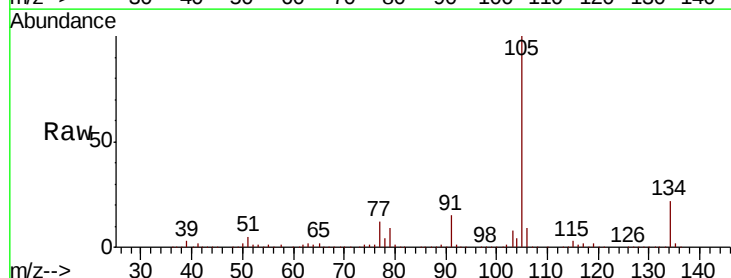
Manual Integrations
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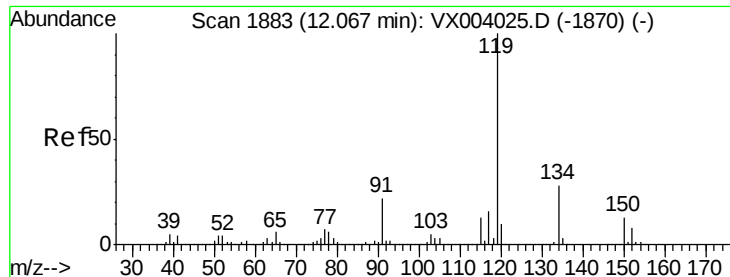
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#85
sec-Butylbenzene
Concen: 50.78 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9





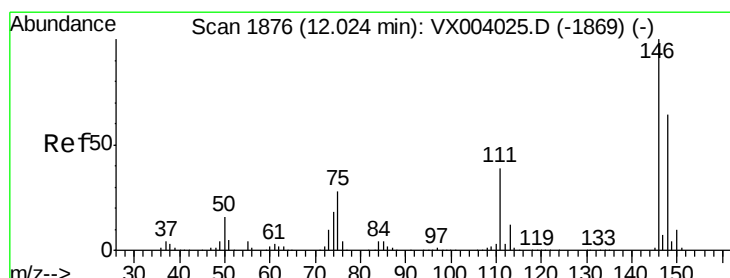
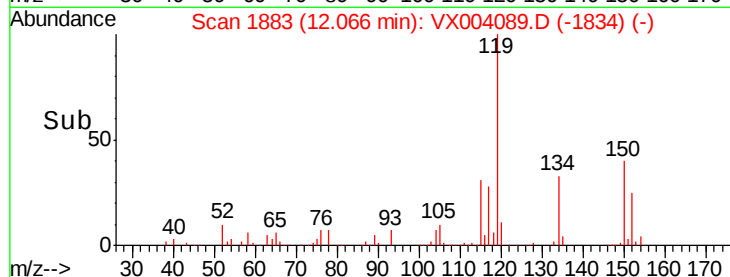
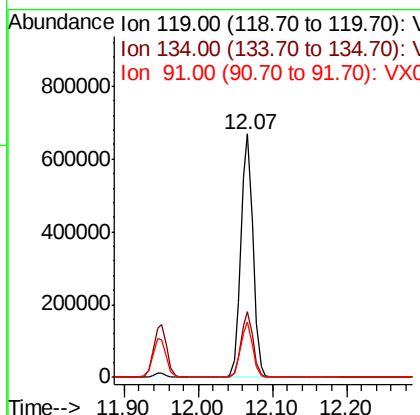
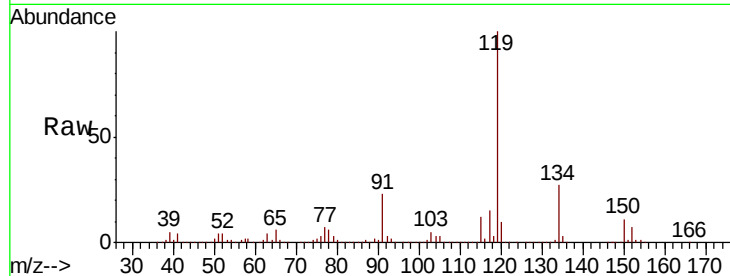
#86
p-Isopropyltoluene
Concen: 50.05 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	768175		
134	26.5	13.3	39.8	
91	22.2	10.9	32.7	

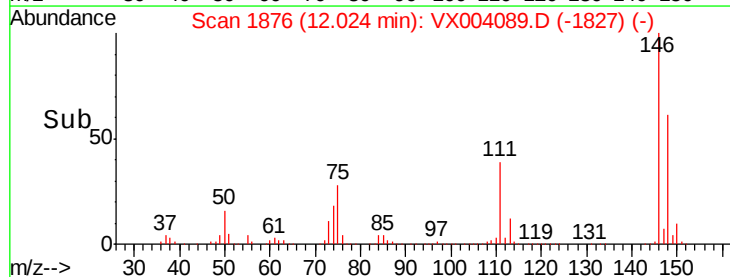
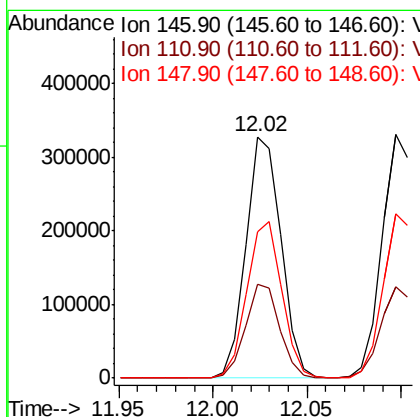
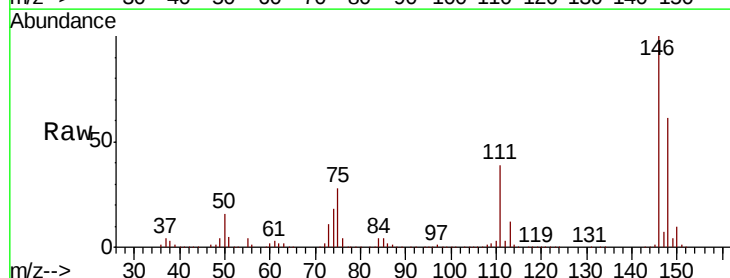
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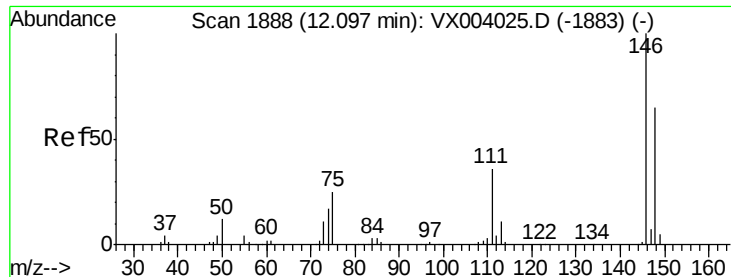
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 45.96 ug/l
RT: 12.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	423899		
111	38.0	18.8	56.4	
148	64.6	31.9	95.5	





#88

1,4-Dichlorobenzene

Concen: 44.10 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Instrument :

MSVOA_X

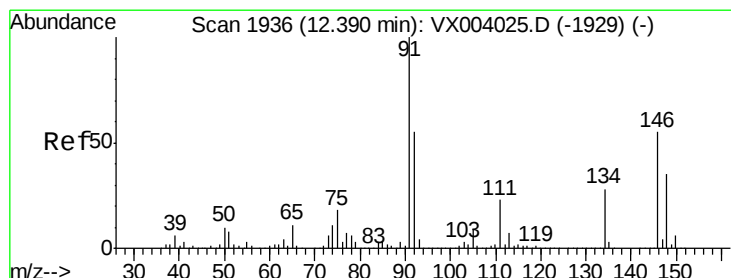
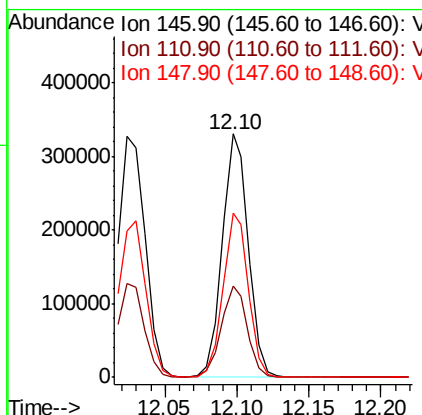
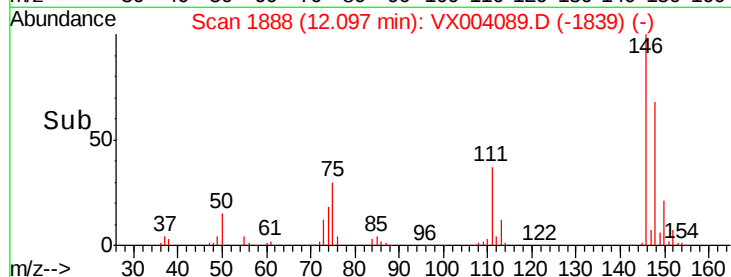
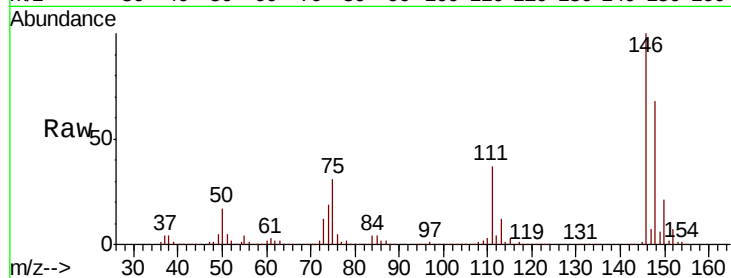
ClientSampleId :

MW-295-SRI3MS

Tot Ion:	146	Resp:	418695
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.4	55.0
148	66.2	32.3	96.8

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#89

n-Butylbenzene

Concen: 46.09 ug/l

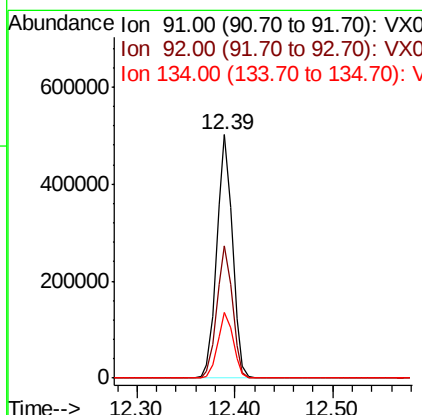
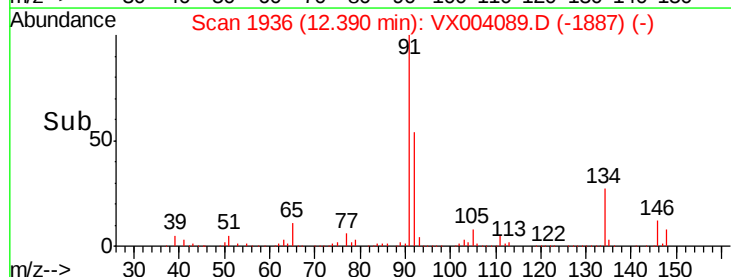
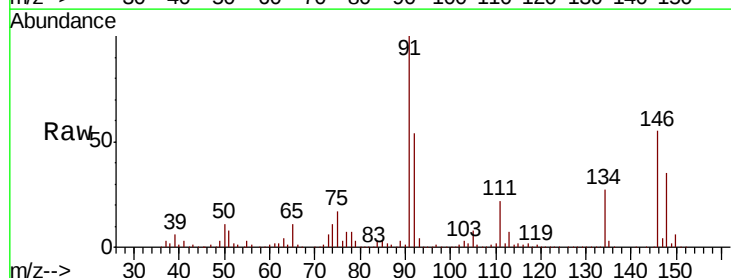
RT: 12.39 min Scan# 1936

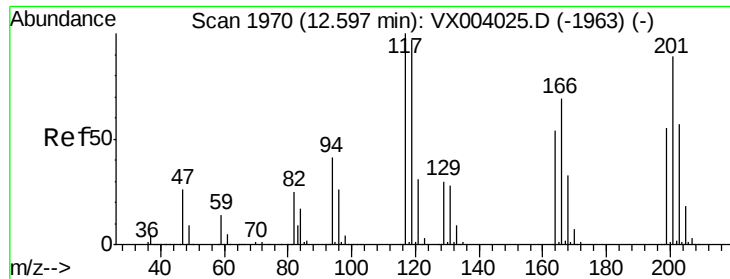
Delta R.T. -0.00 min

Lab File: VX004089.D

Acq: 15 Aug 2018 22:41

Tgt Ion:	91	Resp:	557320
Ion Ratio	Lower	Upper	
91	100		
92	54.3	27.1	81.3
134	26.8	13.6	40.7





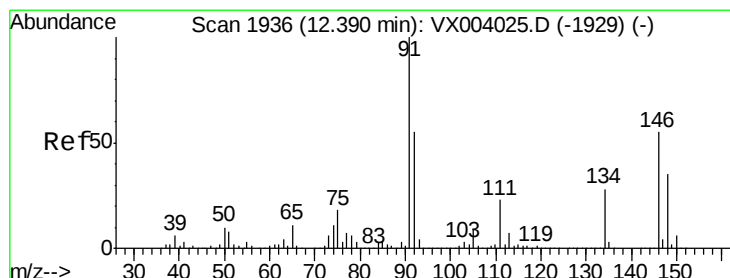
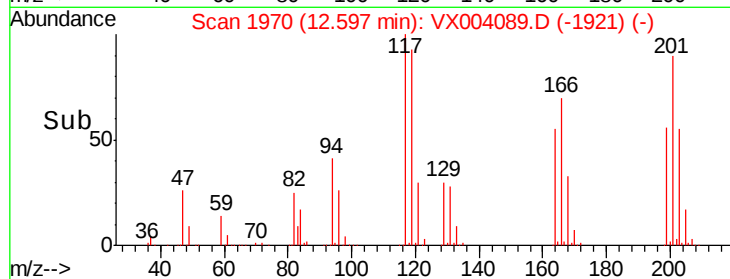
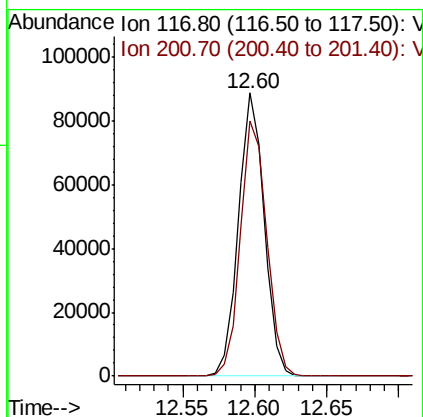
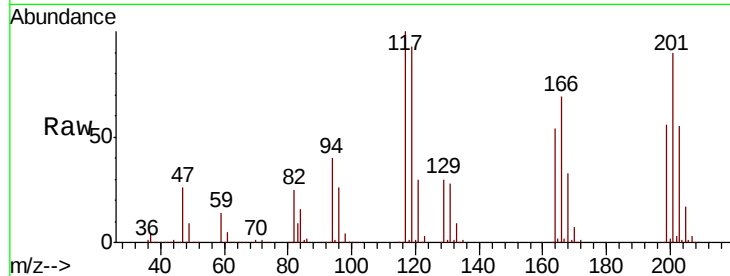
#90
Hexachloroethane
Concen: 47.99 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	110193		
201	92.0	46.1	138.2	

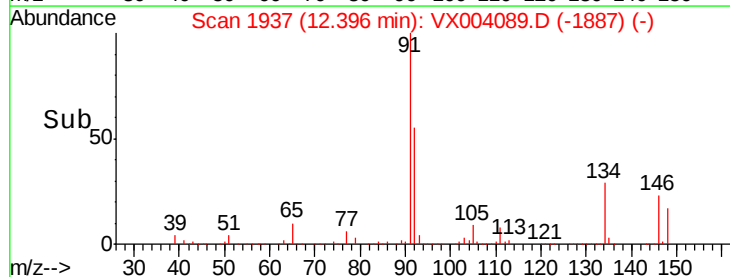
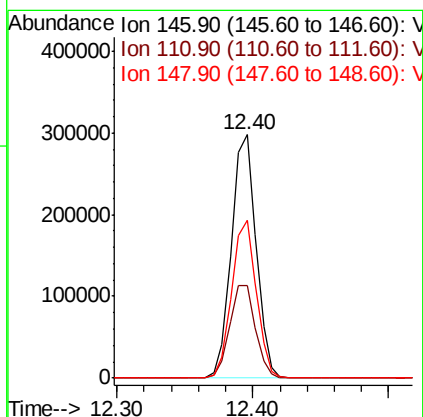
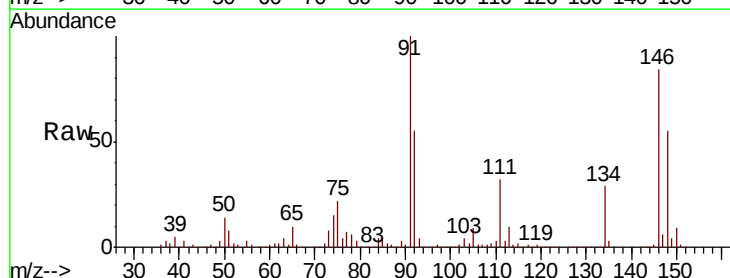
Manual Integrations
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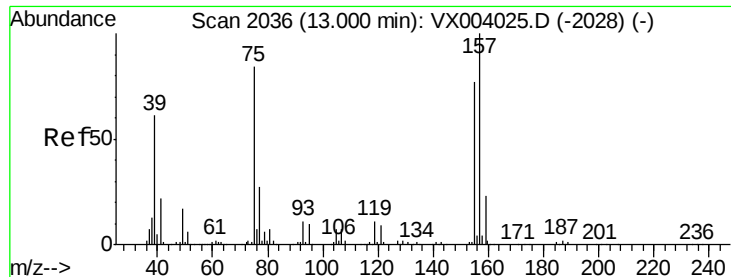
MMDadoda
8/16/2018 4:39:49 PM



#91
1,2-Dichlorobenzene
Concen: 45.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.01 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	376111		
111	39.8	19.7	59.0	
148	64.6	31.9	95.5	





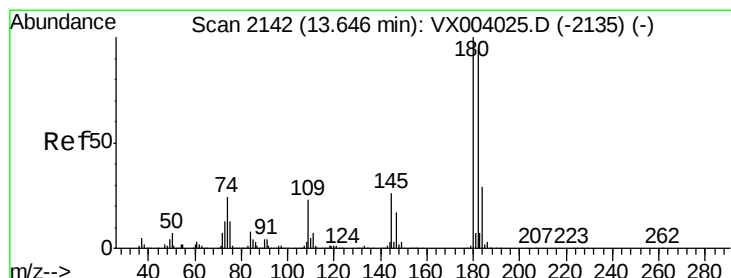
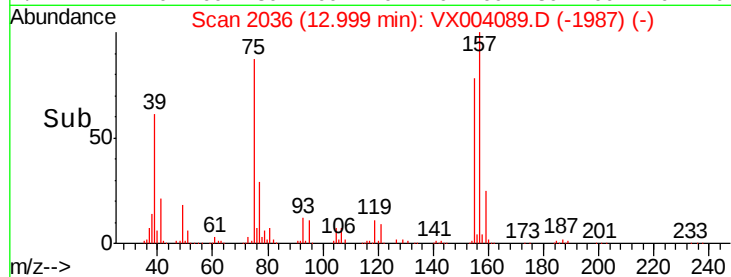
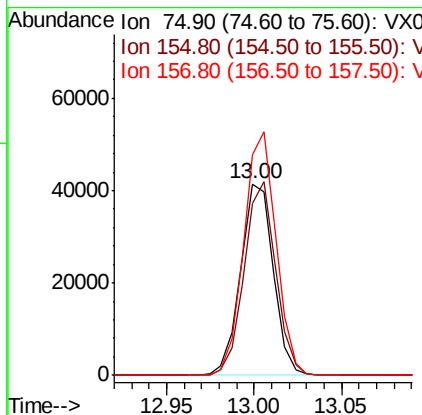
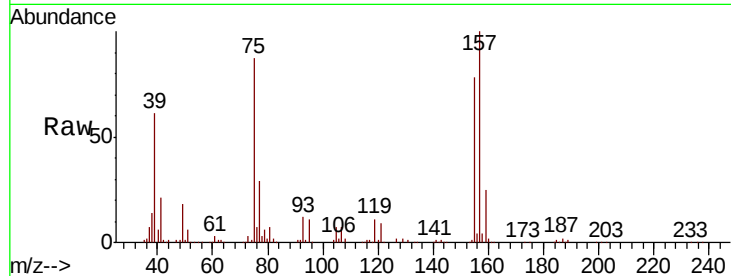
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.82 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.7	146.1
157	125.6	62.6	187.8

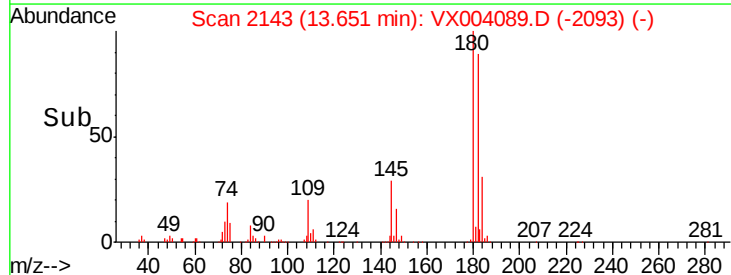
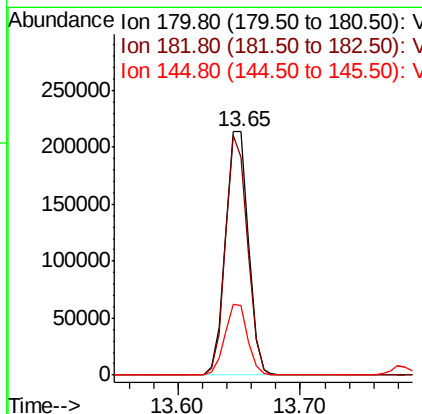
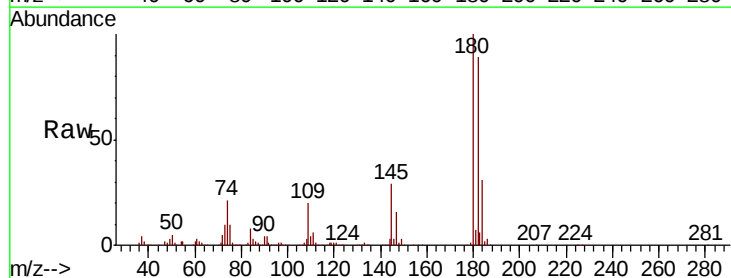
Manual Integrations
 APPROVED

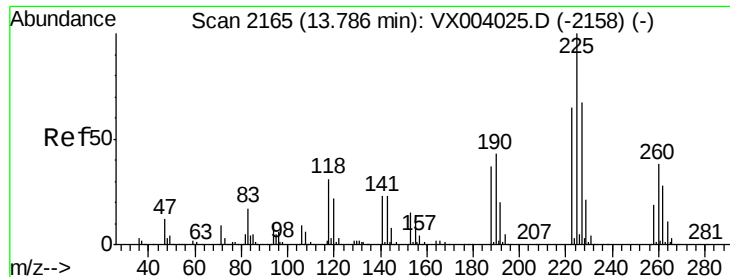
MMDadoda
 8/16/2018 4:39:49 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.7	143.1
145	28.8	13.9	41.6





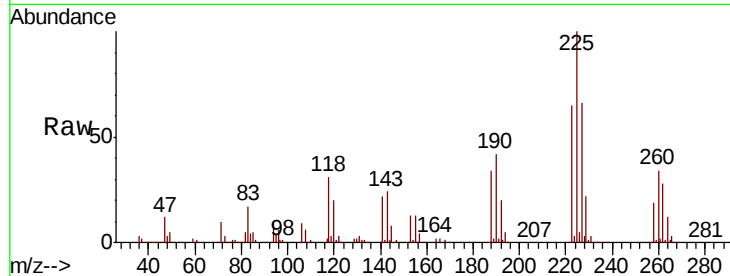
#94
Hexachlorobutadiene
Concen: 42.20 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

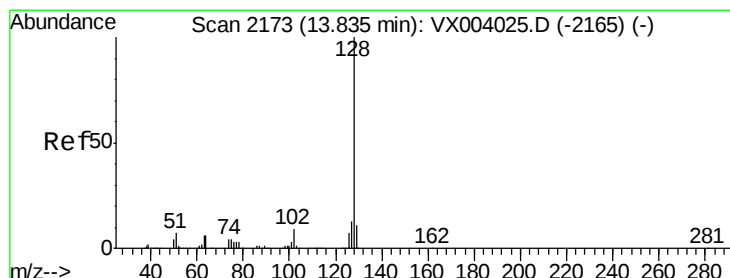
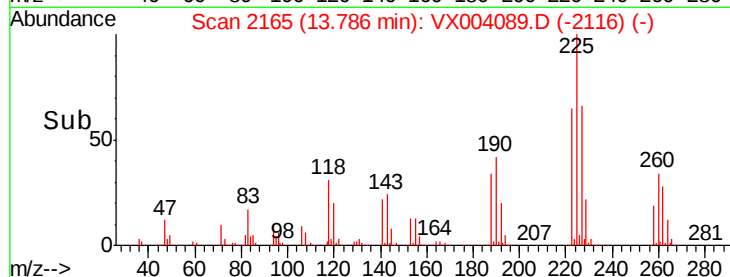
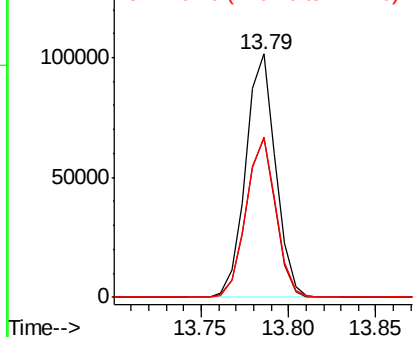
Tot Ion	Ratio	Resp	Lower	Upper
225	100	120283		
223	64.5		31.4	94.0
227	65.6		32.1	96.5

Manual Integrations
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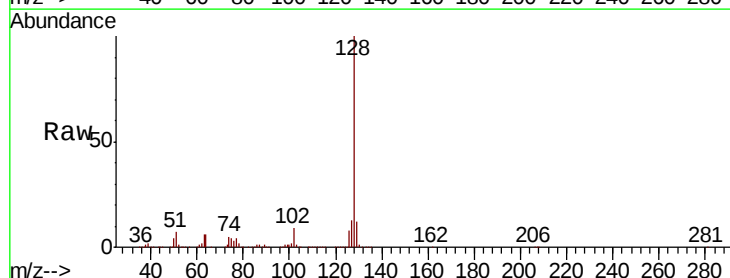


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

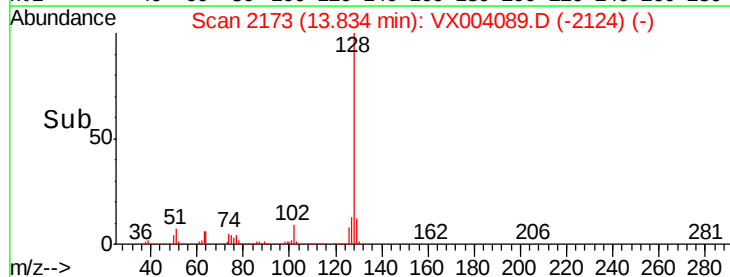
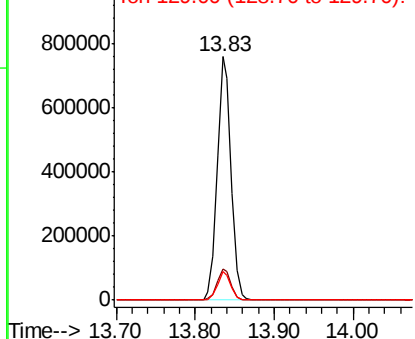


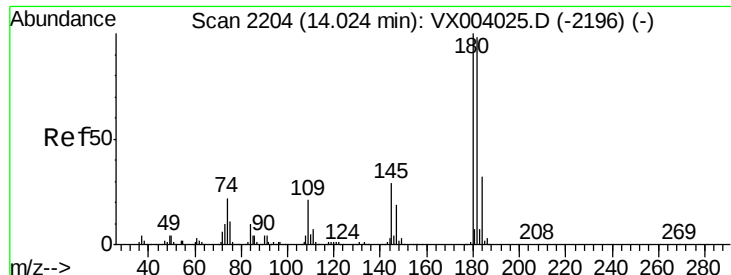
#95
Naphthalene
Concen: 51.00 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004089.D
Acq: 15 Aug 2018 22:41

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	924946		
127	13.0		10.2	15.2
129	11.2		8.8	13.2



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





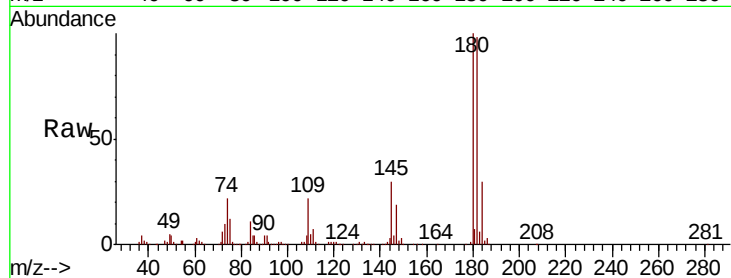
#96
 1,2,3-Trichlorobenzene
 Concen: 50.21 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX004089.D
 Acq: 15 Aug 2018 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Tot Ion:	180	Resp:	311327
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.1	144.4
145	29.7	14.9	44.7

Manual Integrations
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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

