

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002556.D
 Acq On : 14 Jun 2018 17:12
 Operator : JC/MD
 Sample : J3406-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:54 PM

Quant Time: Jun 15 02:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162044	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.51	113	127784	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
50) Toluene-d8	8.72	98	473157	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
62) 4-Bromofluorobenzene	11.14	95	182265	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	106350	41.883	ug/l	99
3) Chloromethane	1.32	50	127854	43.575	ug/l	99
4) Vinyl Chloride	1.40	62	162406	50.748	ug/l	98
5) Bromomethane	1.64	94	86191	47.420	ug/l	99
6) Chloroethane	1.72	64	93911	45.365	ug/l	99
7) Trichlorofluoromethane	1.93	101	243671	49.974	ug/l	98
8) Diethyl Ether	2.19	74	92795	53.732	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131160	49.847	ug/l	99
10) Methyl Iodide	2.51	142	170174	45.980	ug/l	100
11) Tert butyl alcohol	3.09	59	183991	257.615	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125302	48.186	ug/l	95
13) Acrolein	2.29	56	56529	159.455	ug/l	98
14) Allyl chloride	2.73	41	242859	43.035	ug/l	100
15) Acrylonitrile	3.15	53	400604	270.256	ug/l	100
16) Acetone	2.45	43	376728	250.836	ug/l	100
17) Carbon Disulfide	2.57	76	285584	41.669	ug/l	98
18) Methyl Acetate	2.78	43	185273	53.113	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	505875	56.159	ug/l	98
20) Methylene Chloride	2.86	84	147251	53.509	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135736	47.334	ug/l	96
22) Diisopropyl ether	3.88	45	486515	51.654	ug/l	99
23) Vinyl Acetate	3.83	43	1964134	214.699	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247306	44.339	ug/l	99
25) 2-Butanone	4.71	43	550440	229.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	121660	27.904	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	184909	59.292	ug/l	89
28) Bromochloromethane	5.03	49	129518	54.952	ug/l	98
29) Tetrahydrofuran	5.17	42	355535	230.244	ug/l	98
30) Chloroform	5.22	83	260000	48.308	ug/l	97
31) Cyclohexane	5.57	56	201830	45.762	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	225936	49.499	ug/l	100
36) 1,1-Dichloropropene	5.80	75	182528	47.530	ug/l	99
37) Ethyl Acetate	4.87	43	207825	45.000	ug/l	100
38) Carbon Tetrachloride	5.79	117	193609	48.192	ug/l	98

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 6/15/2018 1:11:54 PM

Quant Time: Jun 15 02:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198499	41.881	ug/l	96
40) Benzene	6.15	78	551258	46.817	ug/l	100
41) Methacrylonitrile	5.07	41	125883	47.615	ug/l	99
42) 1,2-Dichloroethane	6.20	62	219237	46.863	ug/l	100
43) Isopropyl Acetate	6.47	43	363440	46.332	ug/l	100
44) Trichloroethene	7.21	130	153536	46.982	ug/l	99
45) 1,2-Dichloropropane	7.52	63	149505	47.032	ug/l	99
46) Dibromomethane	7.67	93	101340	47.027	ug/l	99
47) Bromodichloromethane	7.90	83	189092	48.518	ug/l	97
48) Methyl methacrylate	7.78	41	186762	47.398	ug/l	98
49) 1,4-Dioxane	7.76	88	69117	938.156	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1181529	241.870	ug/l	99
52) Toluene	8.79	92	358541	47.876	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	207444	44.385	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	195358	44.304	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149104	48.408	ug/l	99
56) Ethyl methacrylate	9.18	69	235567	47.903	ug/l	99
57) 1,3-Dichloropropane	9.38	76	248063	48.006	ug/l	100
59) 2-Hexanone	9.50	43	898513	238.131	ug/l	98
60) Dibromochloromethane	9.59	129	156144	50.399	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156950	48.870	ug/l	100
64) Tetrachloroethene	9.34	164	146147	40.879	ug/l	99
65) Chlorobenzene	10.14	112	414876	48.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156021	49.954	ug/l	100
67) Ethyl Benzene	10.26	91	702528	48.668	ug/l	99
68) m/p-Xylenes	10.37	106	542018	96.593	ug/l	99
69) o-Xylene	10.70	106	268547	48.091	ug/l	100
70) Styrene	10.72	104	444527	48.695	ug/l	99
71) Bromoform	10.86	173	121701	43.958	ug/l	100
73) Isopropylbenzene	11.02	105	727649	47.966	ug/l	100
74) N-amyl acetate	6.47	43	363440	44.462	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	232161	48.658	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	217692m	45.494	ug/l	
77) Bromobenzene	11.26	156	202040	47.440	ug/l	99
78) n-propylbenzene	11.37	91	823677	48.850	ug/l	99
79) 2-Chlorotoluene	11.43	91	486924	45.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	616738	47.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50463	36.967	ug/l	98
82) 4-Chlorotoluene	11.51	91	578325	47.060	ug/l	99
83) tert-Butylbenzene	11.77	119	631983	49.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	633222m	47.276	ug/l	
85) sec-Butylbenzene	11.95	105	741716	49.933	ug/l	99
86) p-Isopropyltoluene	12.07	119	667315	49.320	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	366827	48.172	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	372938	47.513	ug/l	99
89) n-Butylbenzene	12.39	91	565921	49.871	ug/l	99
90) Hexachloroethane	12.60	117	105733	48.954	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	374521	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53641	51.411	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	277103	50.159	ug/l	100

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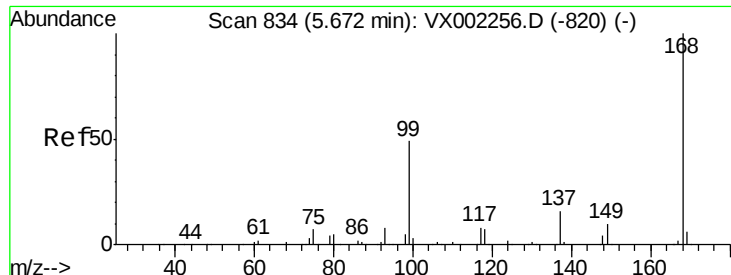
Manual Integrations
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6/15/2018 1:11:54 PM

Quant Time: Jun 15 02:15:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	134633	49.317	ug/l	99
95) Naphthalene	13.84	128	817766	51.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	286207	50.798	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion:168 Resp: 244267

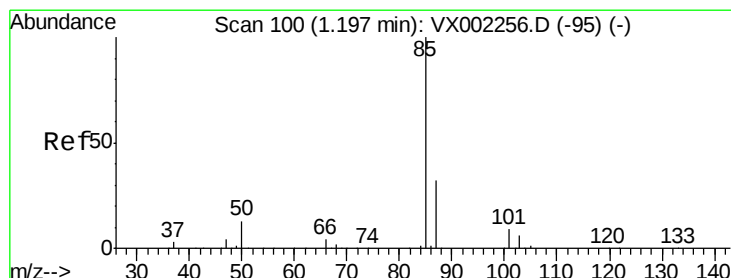
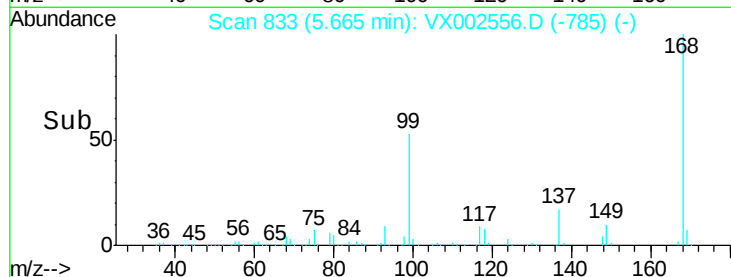
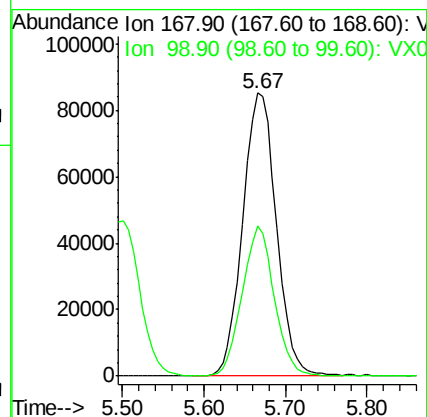
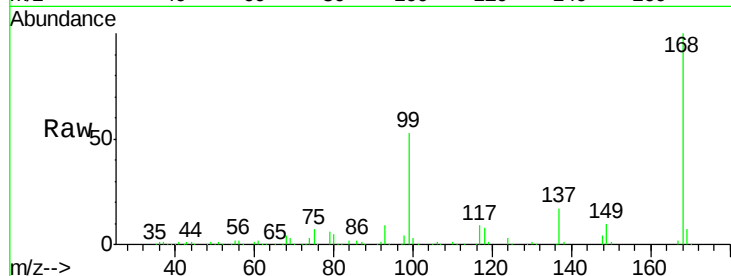
Ion Ratio Lower Upper

168 100

99 53.1 39.3 58.9

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 41.883 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002556.D

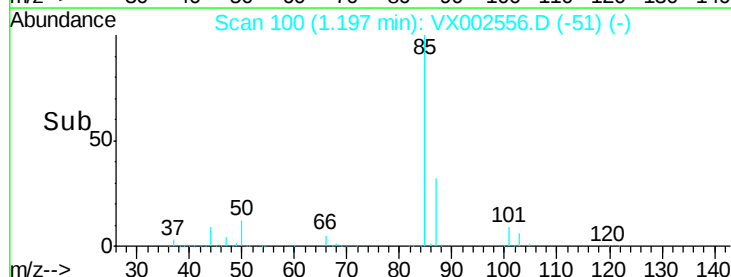
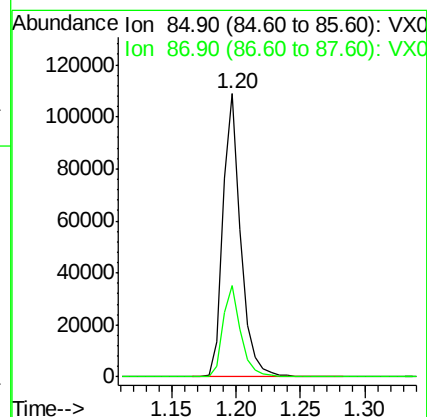
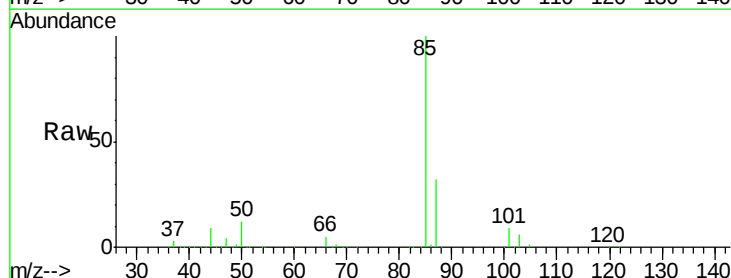
Acq: 14 Jun 2018 17:12

Tgt Ion: 85 Resp: 106350

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9





#3

Chloromethane

Concen: 43.575 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 50 Resp: 127854

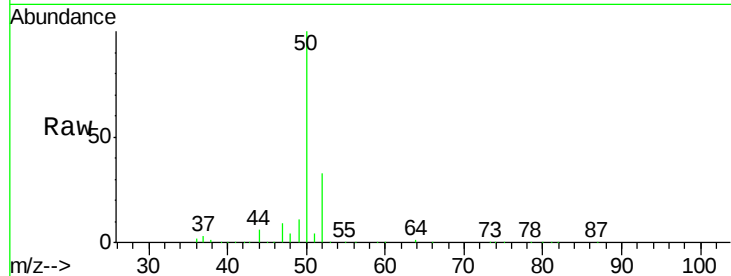
Ion Ratio Lower Upper

50 100

52 32.5 25.7 38.5

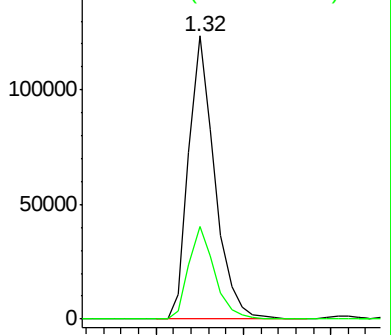
Manual Integrations
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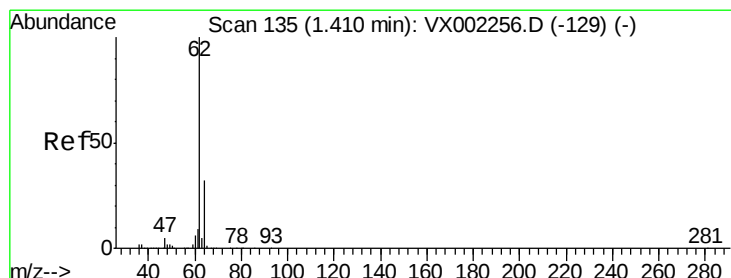
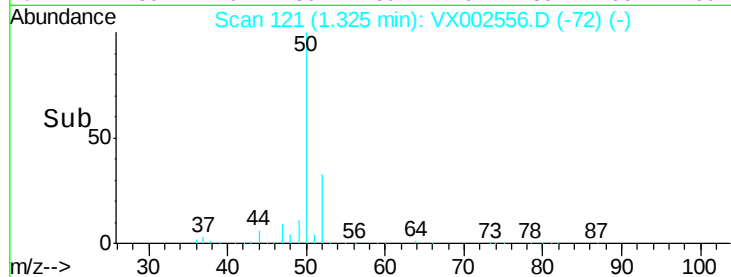


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 50.748 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002556.D

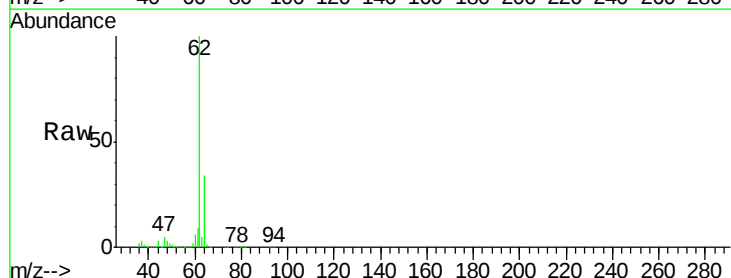
Acq: 14 Jun 2018 17:12

Tgt Ion: 62 Resp: 162406

Ion Ratio Lower Upper

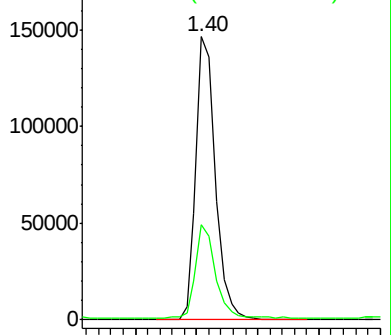
62 100

64 32.8 25.4 38.2

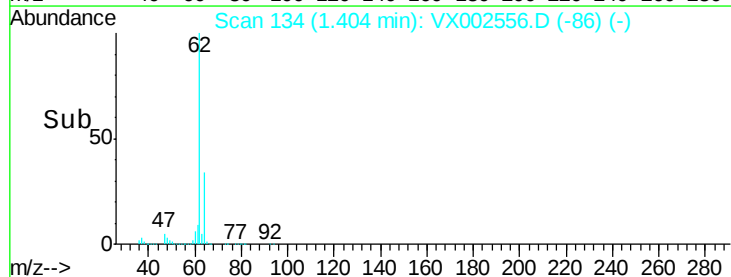


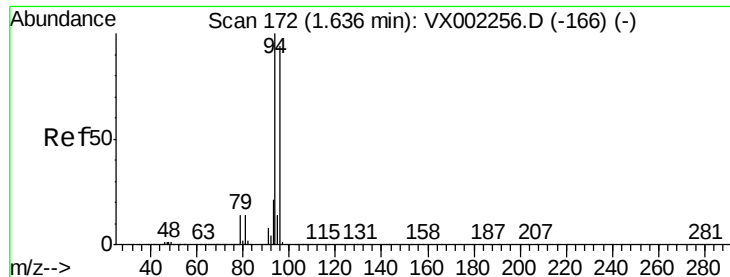
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 47.420 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 94 Resp: 86191

Ion Ratio Lower Upper

94 100

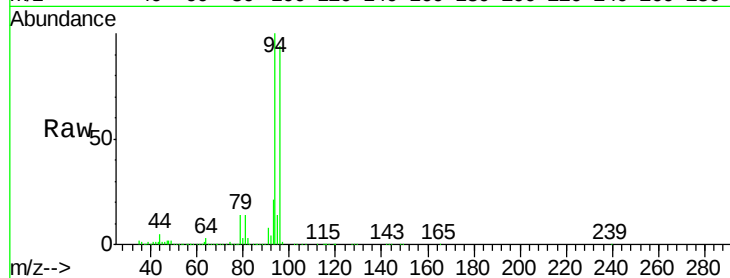
96 94.6 74.9 112.3

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

1.64

100000

80000

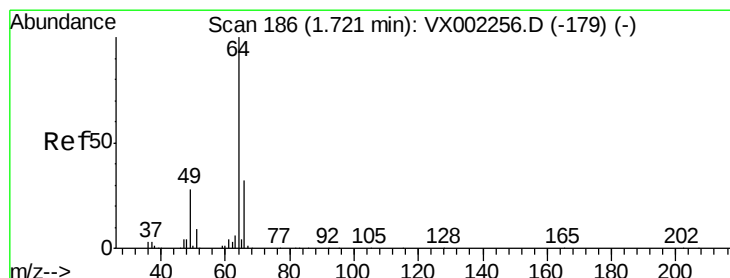
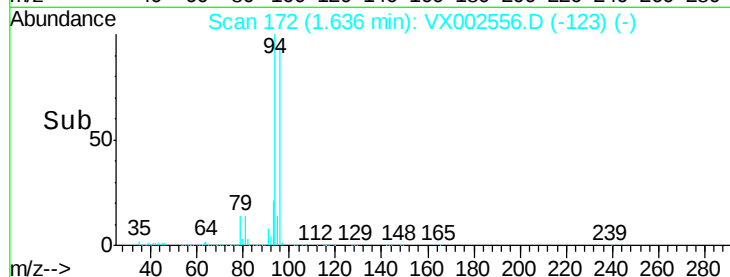
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 45.365 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002556.D

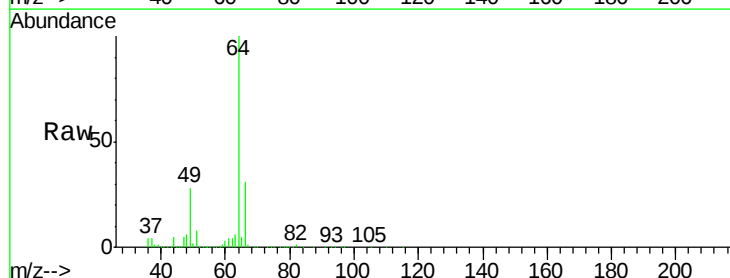
Acq: 14 Jun 2018 17:12

Tgt Ion: 64 Resp: 93911

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

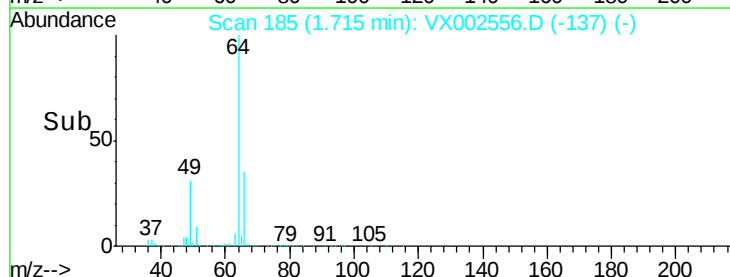
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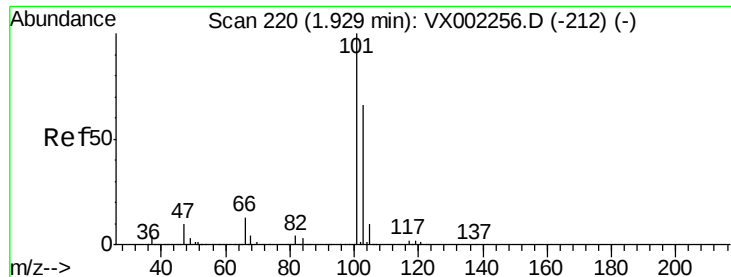
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20000

0

Time--> 1.65 1.70 1.75 1.80





#7

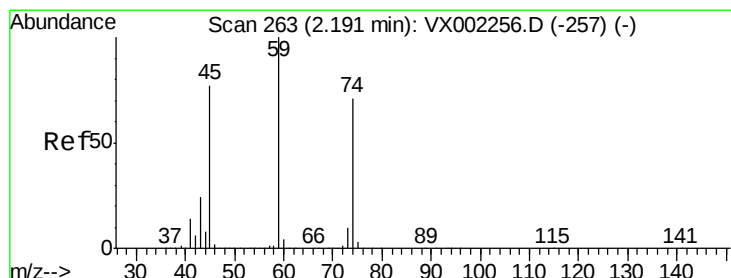
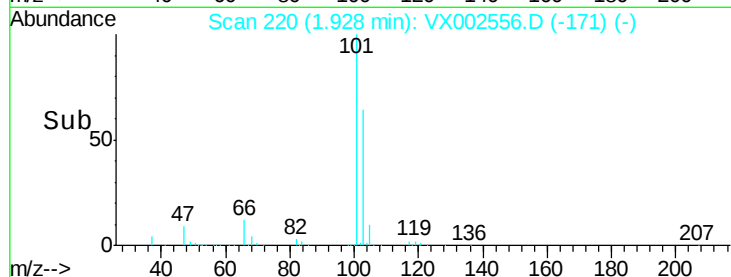
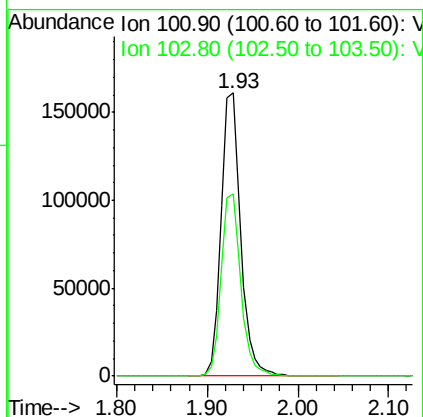
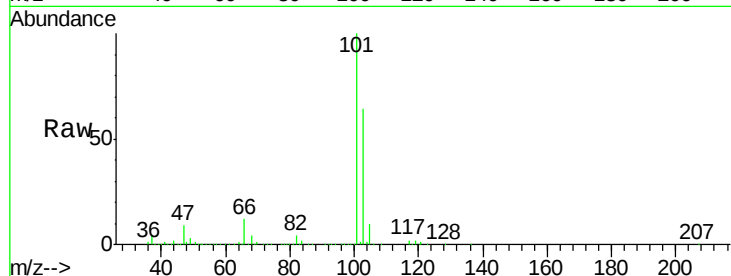
Trichlorofluoromethane
Concen: 49.974 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

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SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

Manual Integrations
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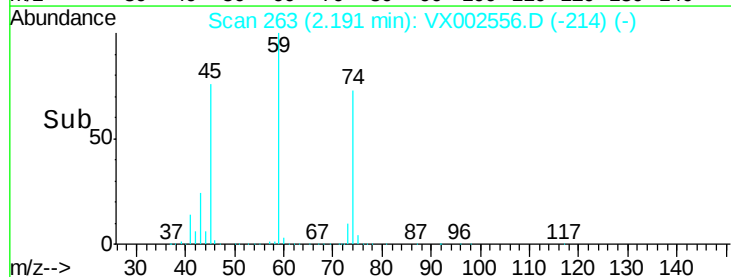
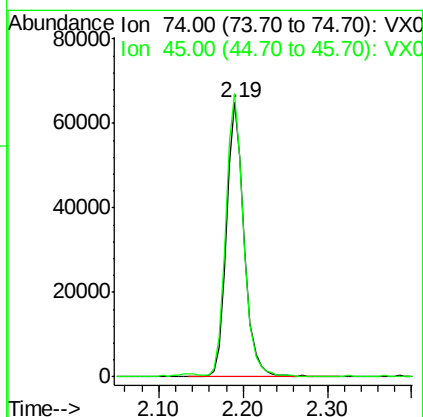
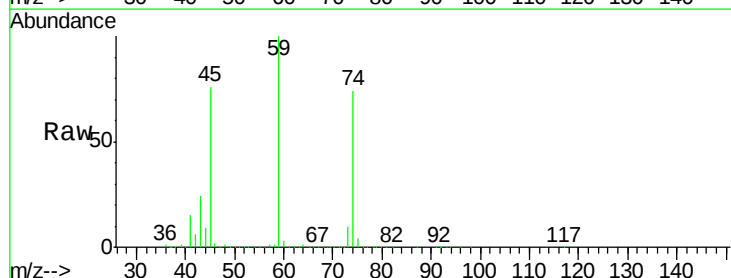
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6/15/2018 1:11:54 PM



#8

Diethyl Ether
Concen: 53.732 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.847 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

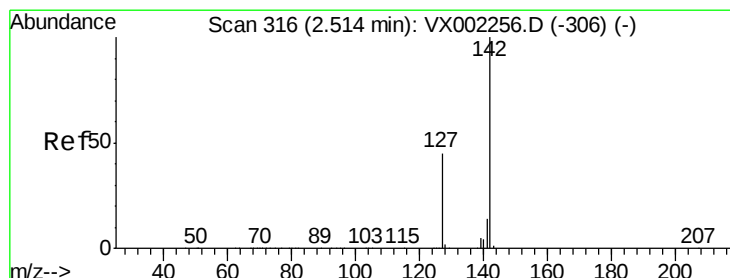
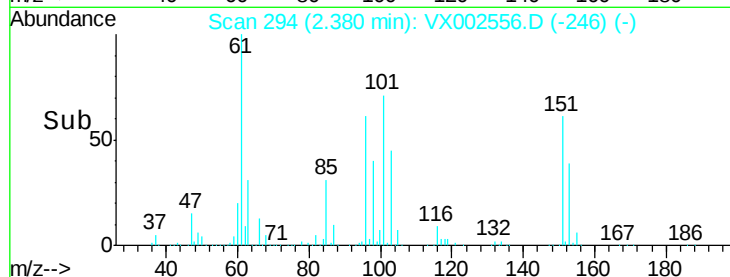
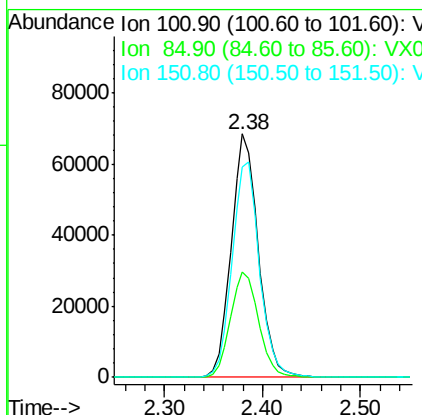
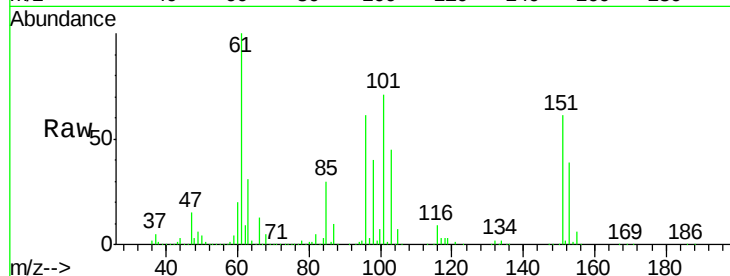
ClientSampleId :

SS050MW109-180606MSD

Tot Ion:	101	Resp:	131160
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	89.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 45.980 ug/l

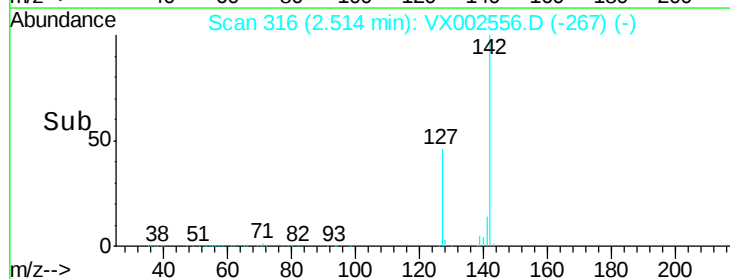
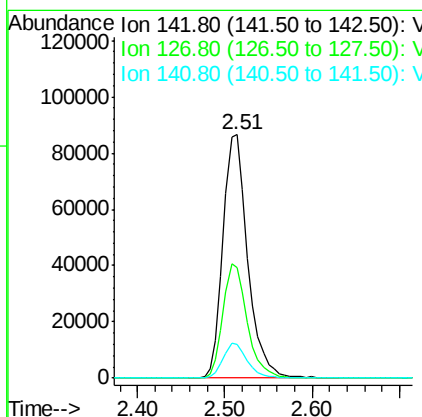
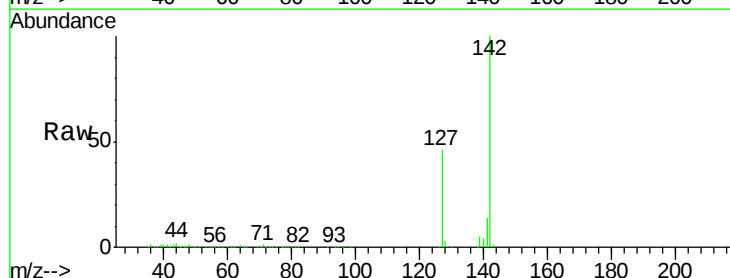
RT: 2.51 min Scan# 316

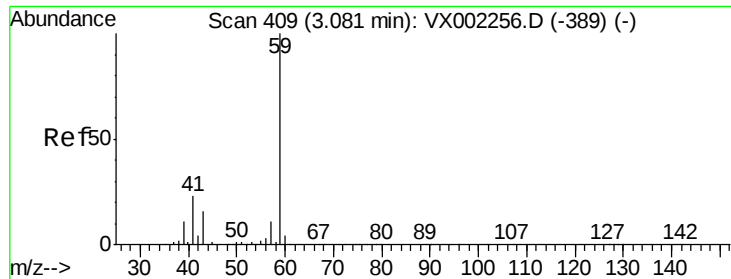
Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	142	Resp:	170174
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	55.0
141	14.1	11.3	16.9





#11

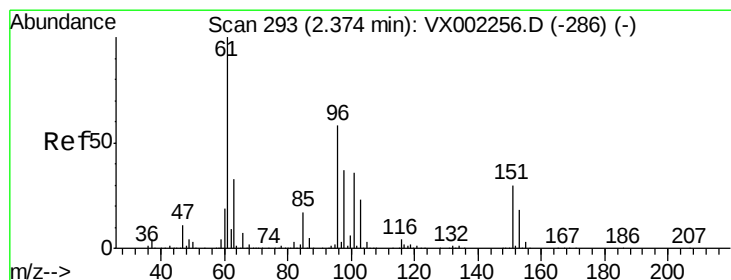
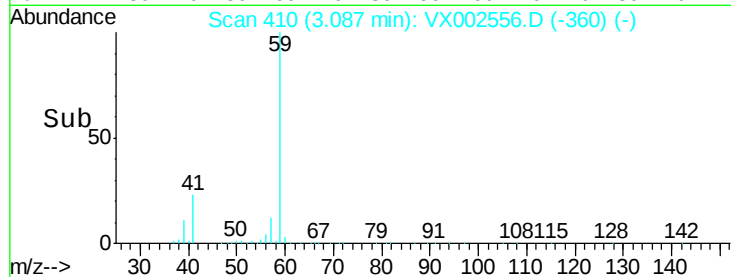
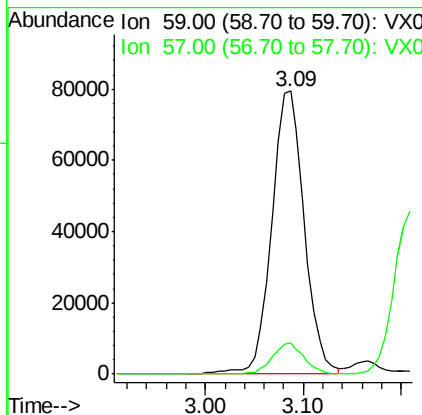
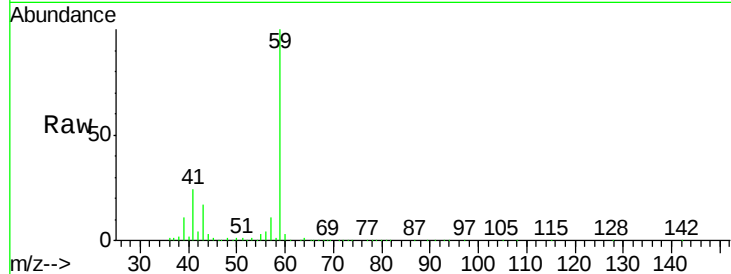
Tert butyl alcohol
Concen: 257.615 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	59	Resp	183991
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.2

Manual Integrations
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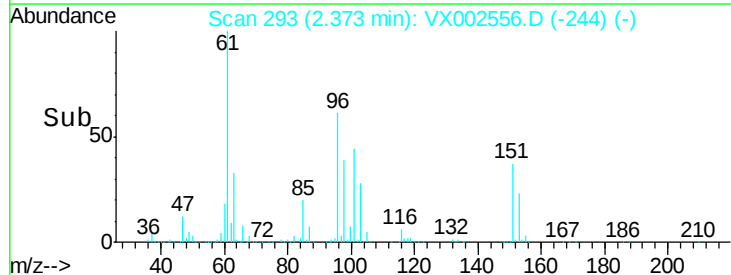
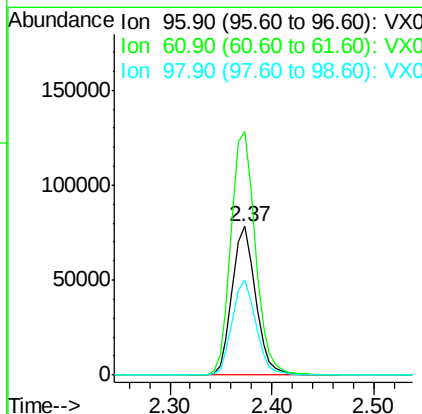
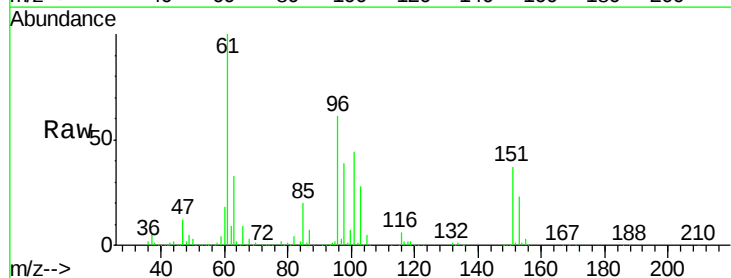
MMDadoda
6/15/2018 1:11:54 PM

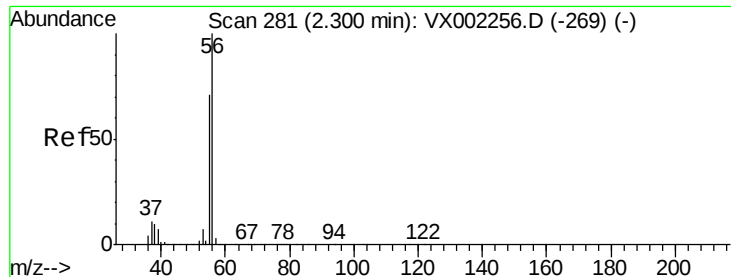


#12

1,1-Dichloroethene
Concen: 48.186 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	96	Resp	125302
Ion Ratio	100	Lower	Upper
61	163.9	137.9	206.9
98	63.7	51.6	77.4





#13

Acrolein

Concen: 159.455 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 56 Resp: 56529

Ion Ratio Lower Upper

56 100

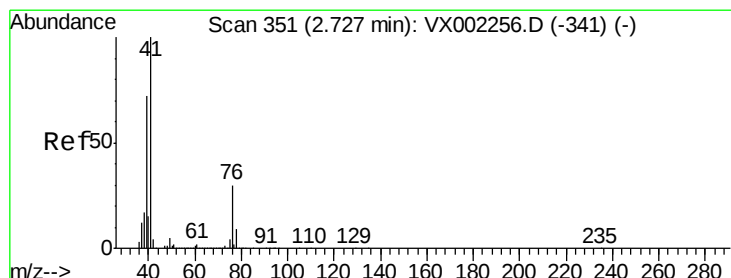
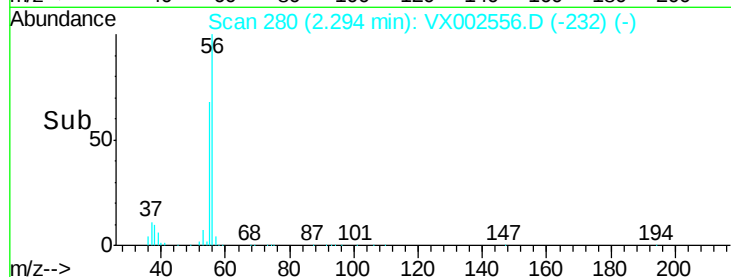
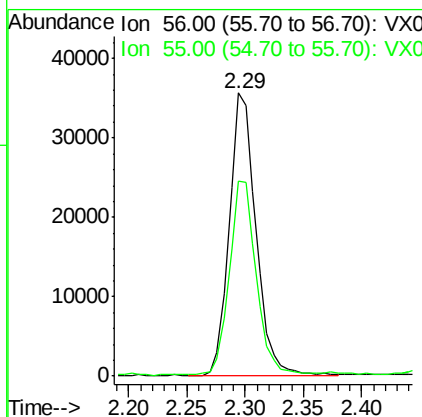
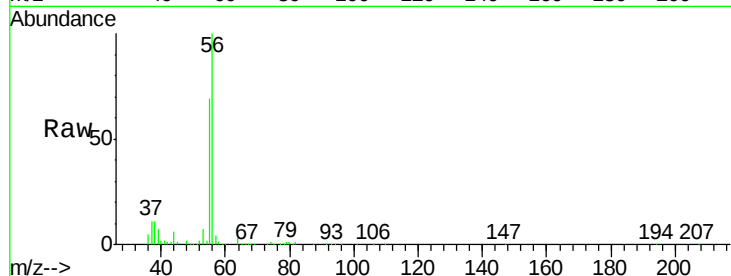
55 69.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 43.035 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

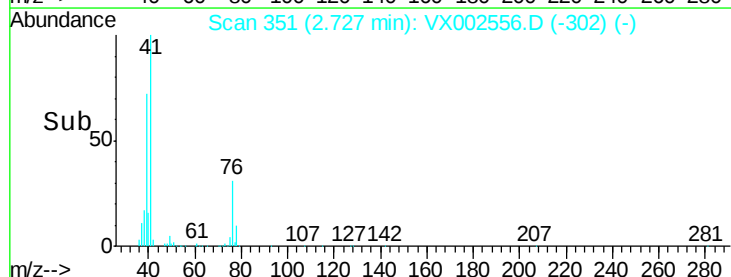
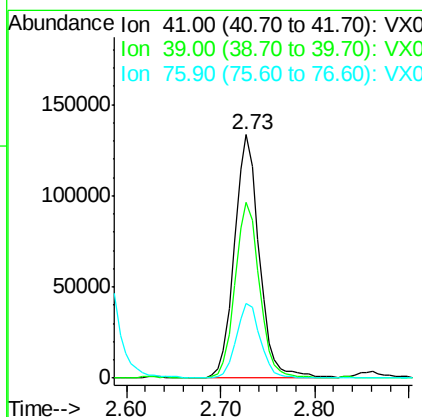
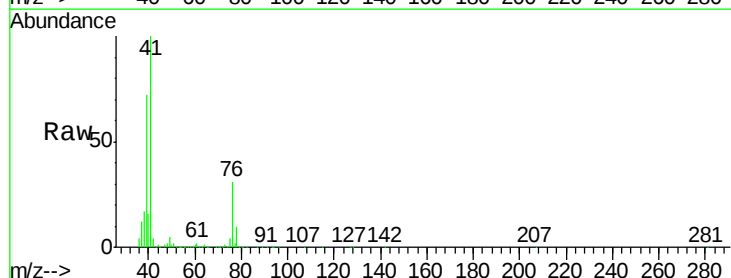
Tgt Ion: 41 Resp: 242859

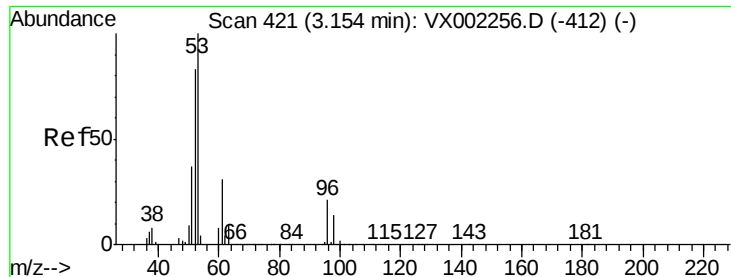
Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 270.256 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

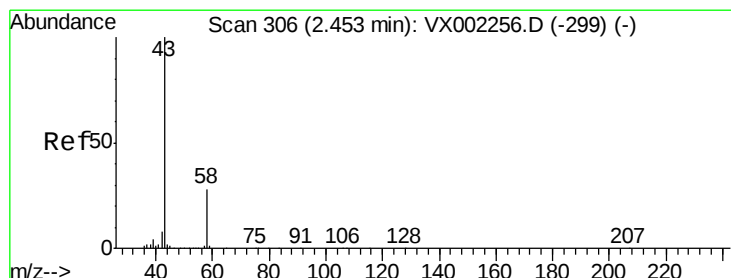
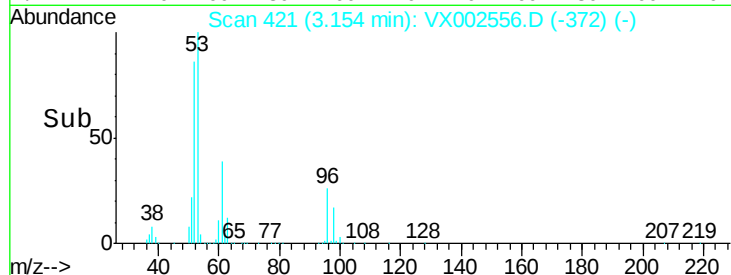
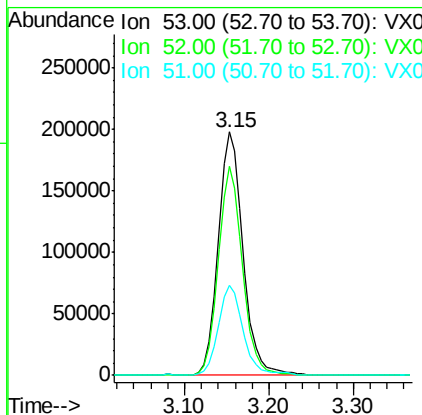
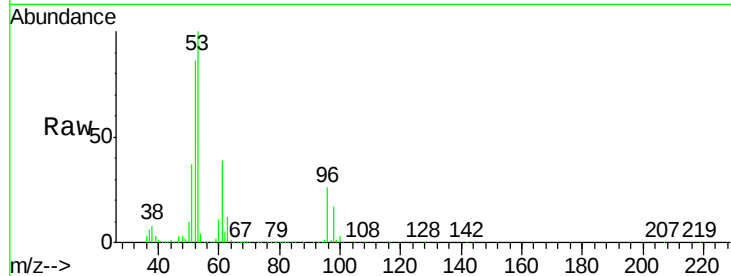
ClientSampleId :

SS050MW109-180606MSD

Tot Ion:	53	Resp:	400604
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.7	100.1
51	37.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 250.836 ug/l

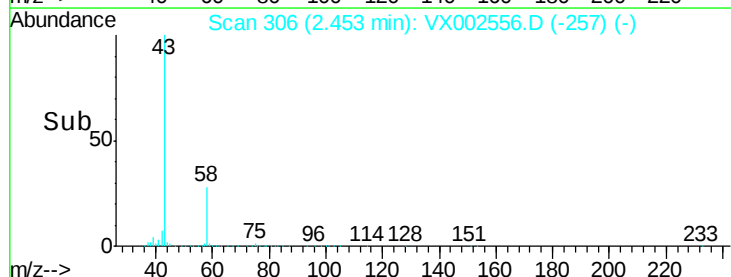
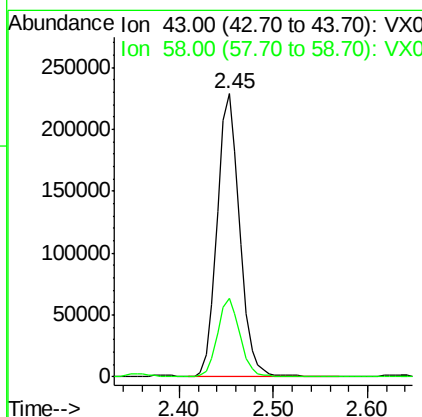
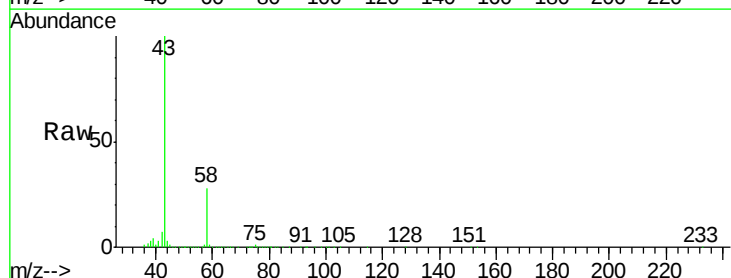
RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	43	Resp:	376728
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1





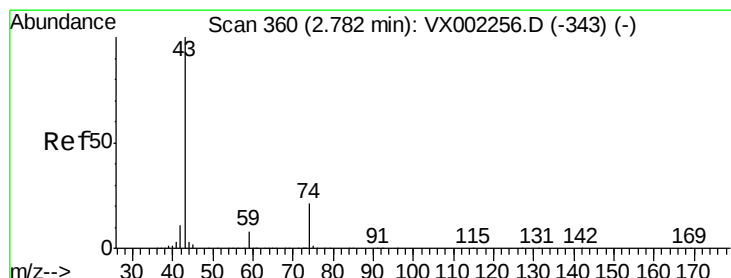
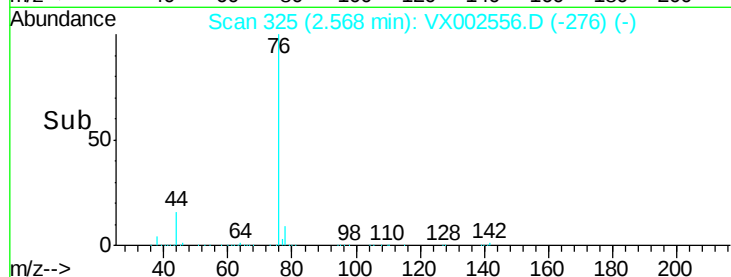
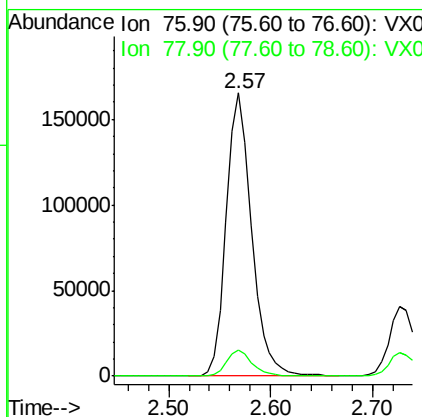
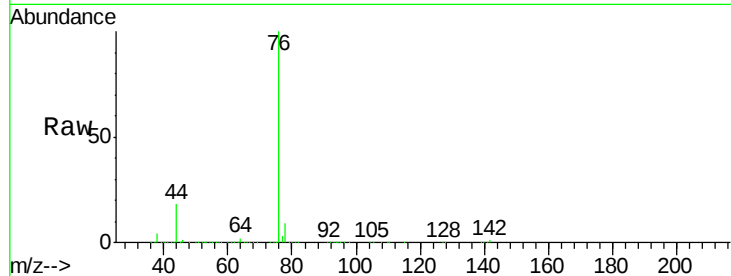
#17
Carbon Disulfide
Concen: 41.669 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.9	10.3

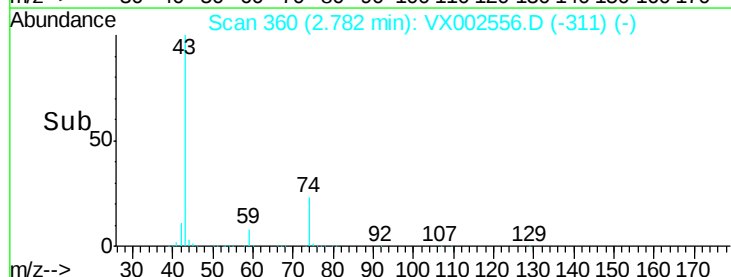
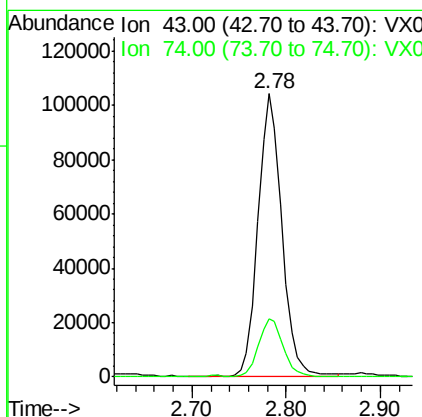
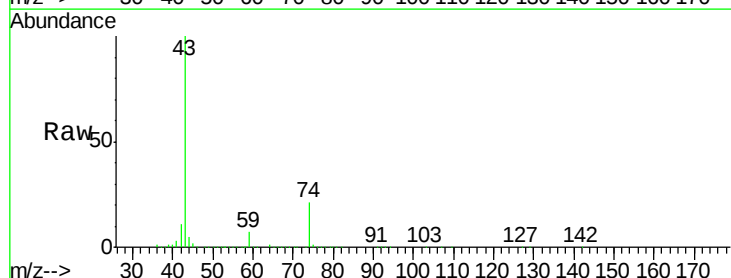
Manual Integrations
APPROVED

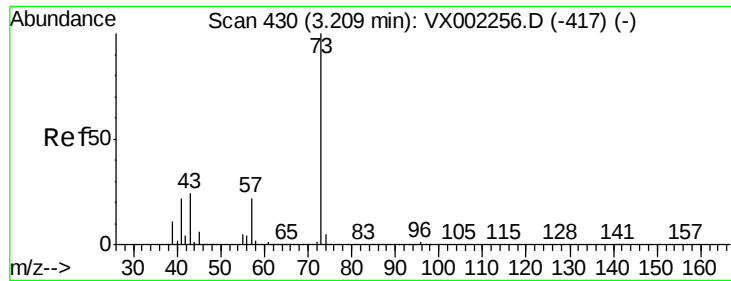
MMDadoda
6/15/2018 1:11:54 PM



#18
Methyl Acetate
Concen: 53.113 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.7	25.1





#19

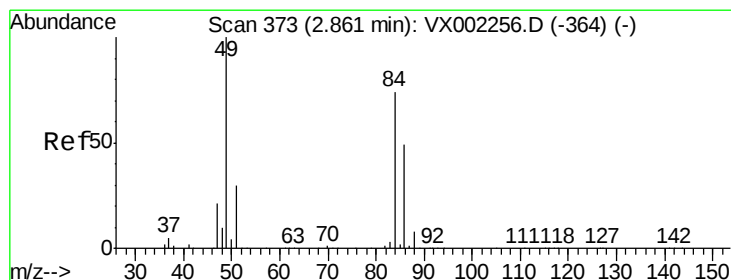
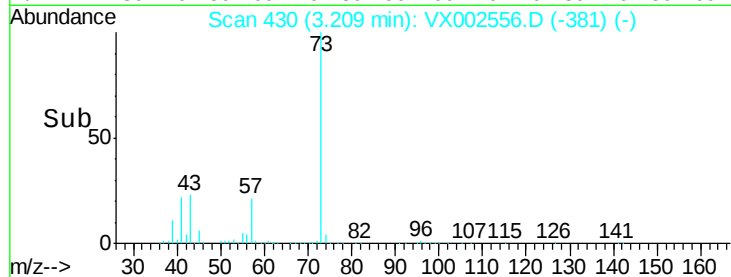
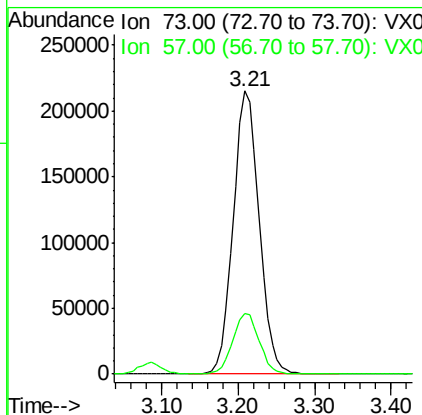
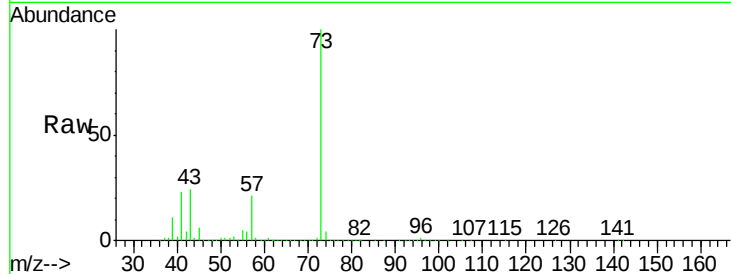
Methyl tert-butyl Ether
 Concen: 56.159 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.7	26.5

Manual Integrations
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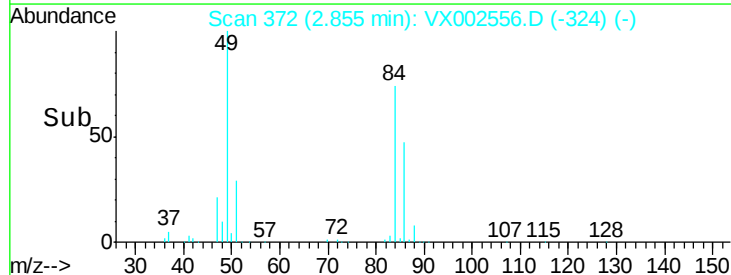
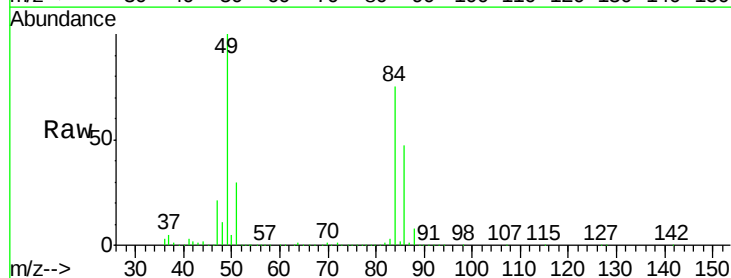
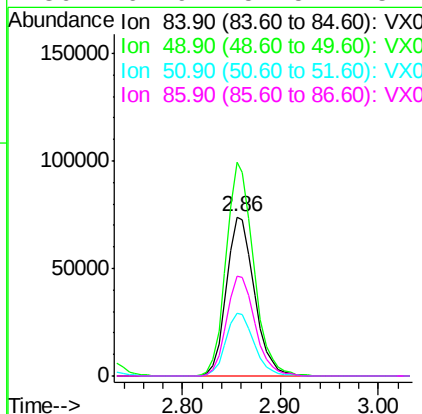
MMDadoda
 6/15/2018 1:11:54 PM

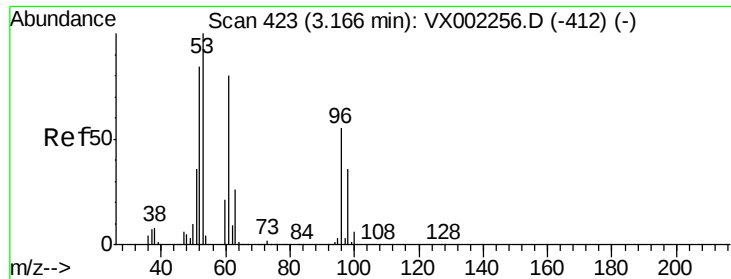


#20

Methylene Chloride
 Concen: 53.509 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.1	107.8	161.6
51	39.5	32.8	49.2
86	62.9	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 47.334 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

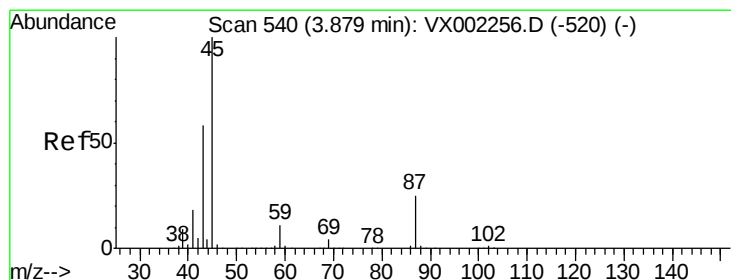
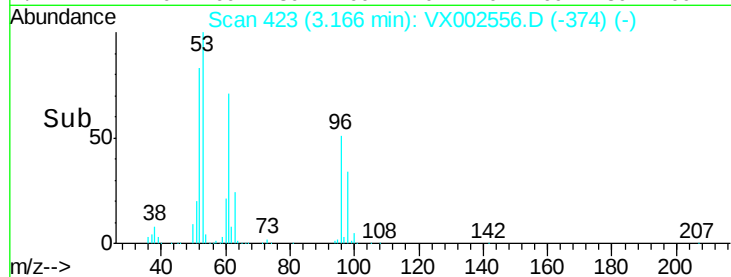
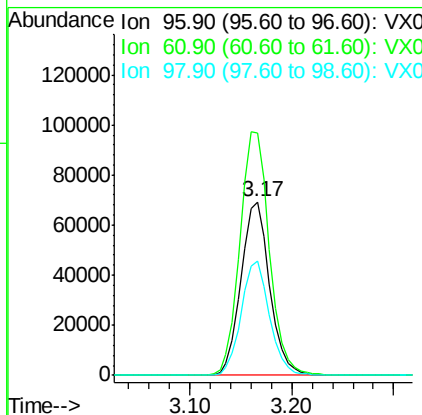
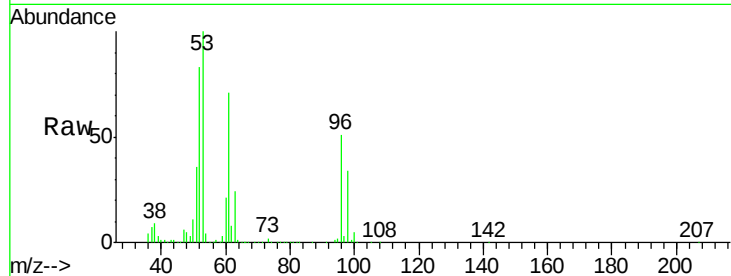
ClientSampleId :

SS050MW109-180606MSD

Tot Ion:	96	Resp:	135736
Ion	Ratio	Lower	Upper
96	100		
61	139.4	117.0	175.4
98	66.0	52.4	78.6

Manual Integrations
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6/15/2018 1:11:54 PM



#22

Diisopropyl ether

Concen: 51.654 ug/l

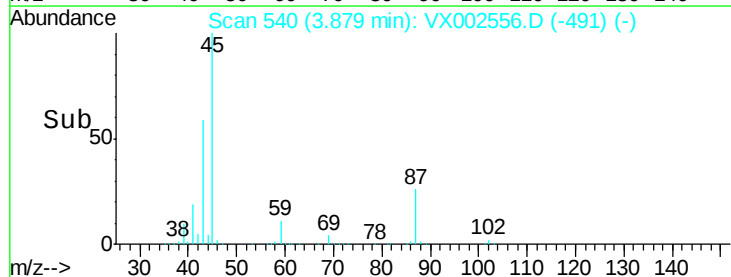
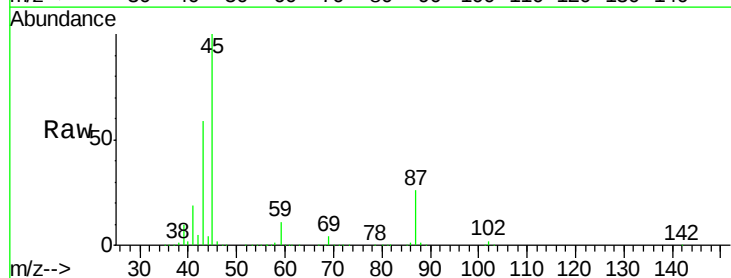
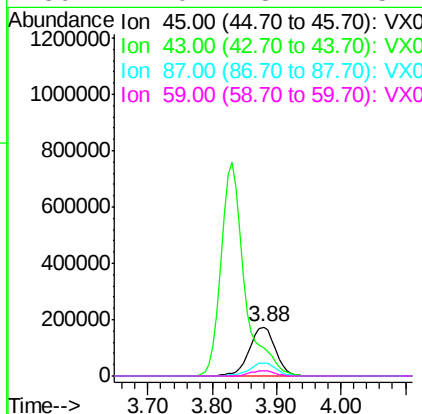
RT: 3.88 min Scan# 540

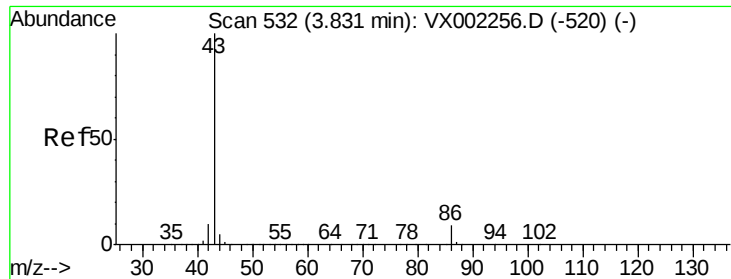
Delta R.T. 0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	45	Resp:	486515
Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.8	70.2
87	26.2	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 214.699 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 43 Resp: 1964134

Ion Ratio Lower Upper

43 100

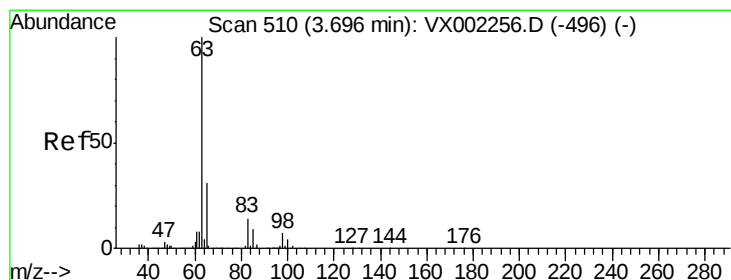
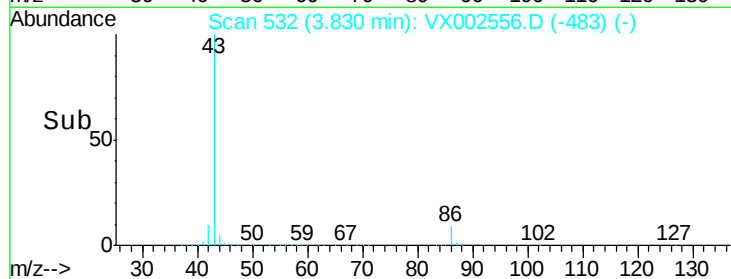
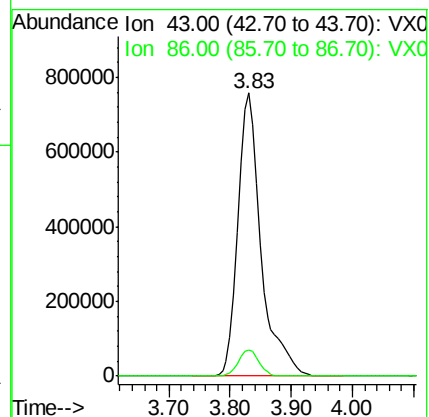
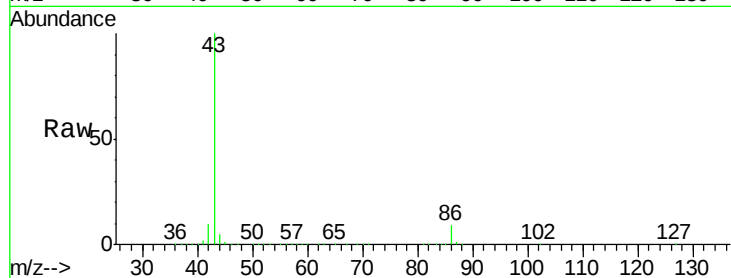
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.339 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

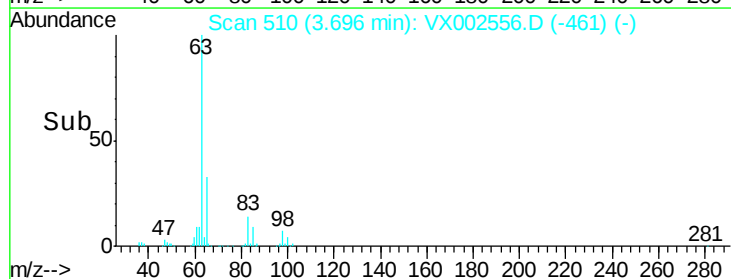
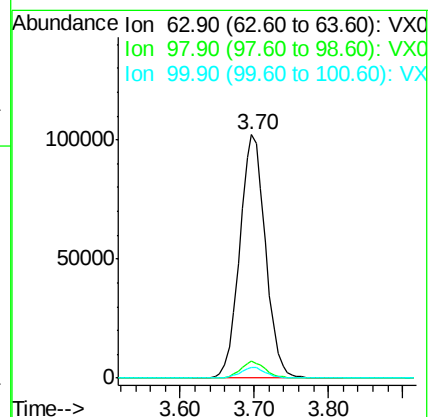
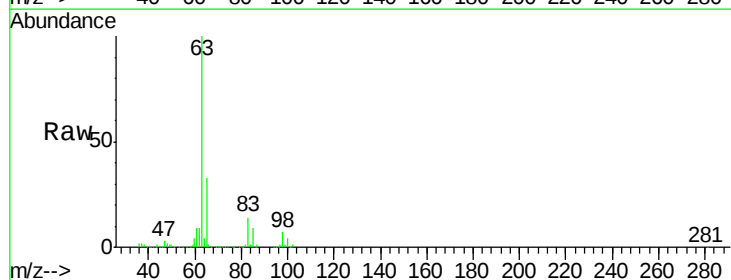
Tgt Ion: 63 Resp: 247306

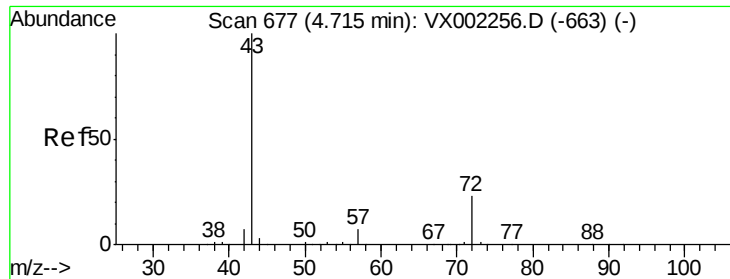
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 229.826 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 43 Resp: 550440

Ion Ratio Lower Upper

43 100

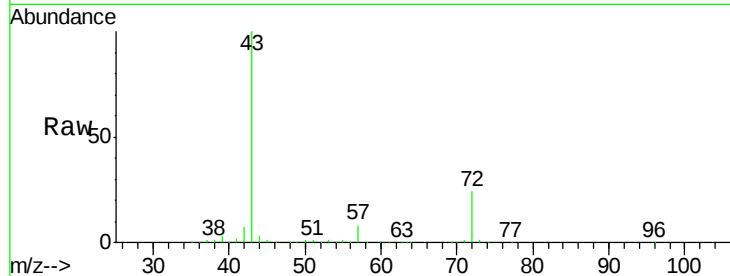
72 23.6 18.5 27.7

Manual Integrations

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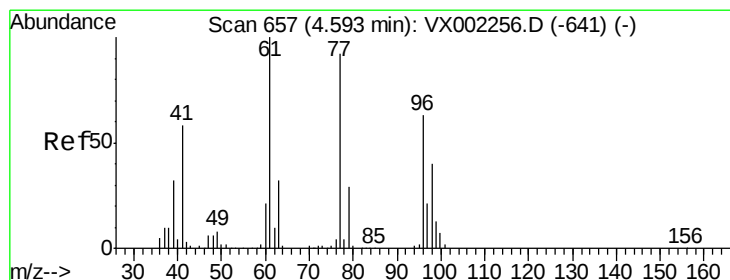
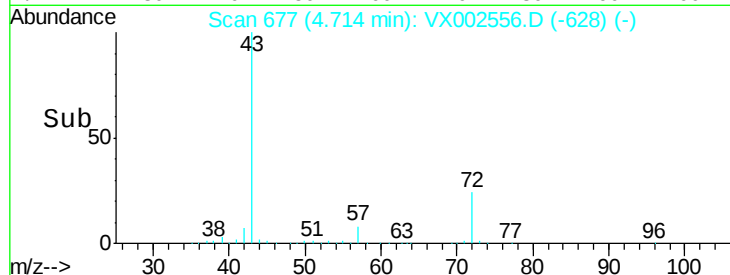
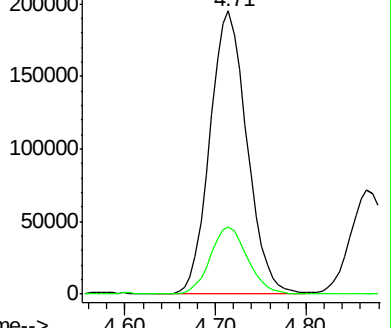
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 27.904 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002556.D

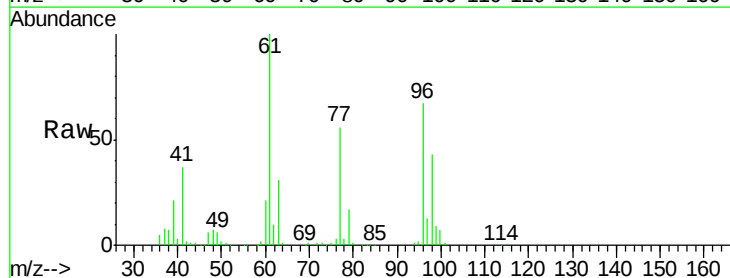
Acq: 14 Jun 2018 17:12

Tgt Ion: 77 Resp: 121660

Ion Ratio Lower Upper

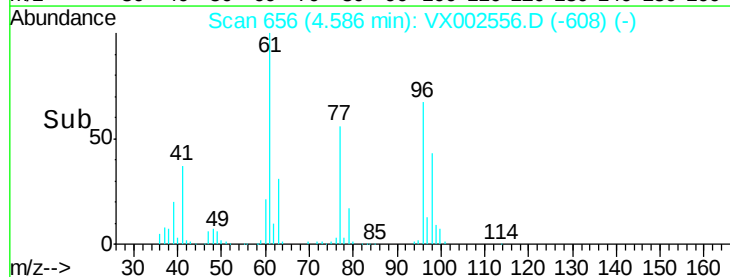
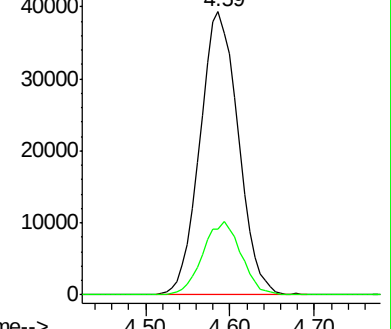
77 100

97 25.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

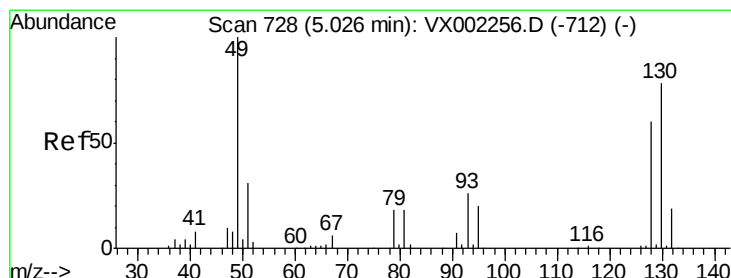
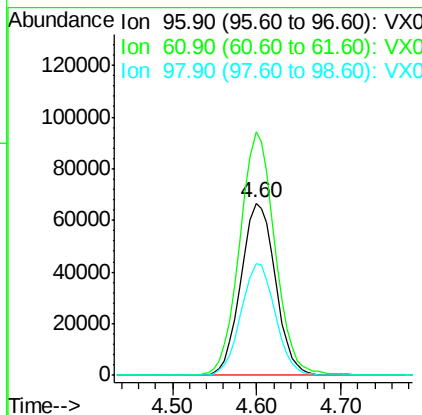
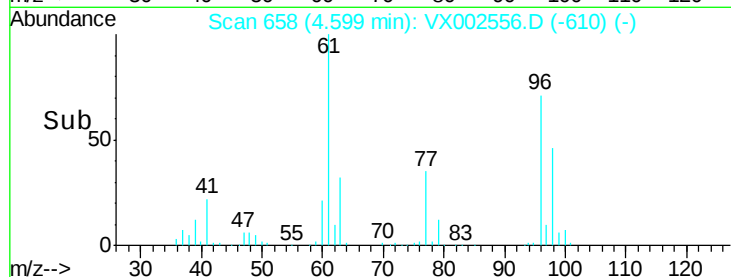
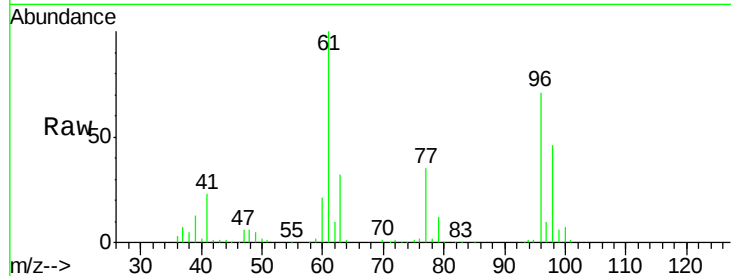
cis-1,2-Dichloroethene
Concen: 59.292 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	184909		
61	145.1	0.0	330.2	
98	64.5	0.0	130.2	

Manual Integrations
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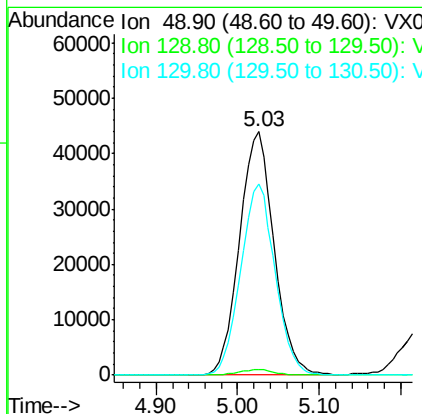
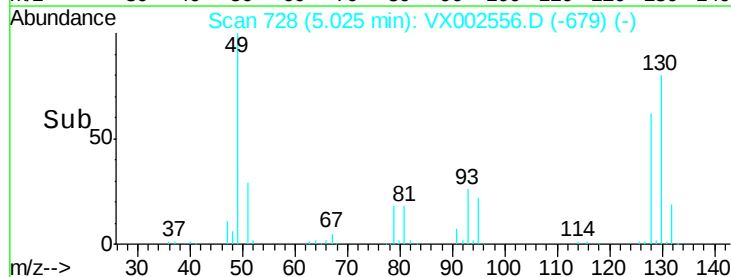
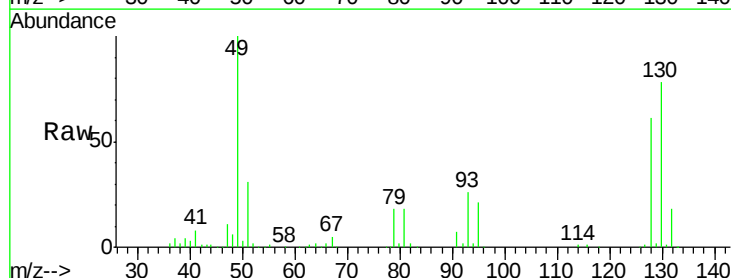
MMDadoda
6/15/2018 1:11:54 PM

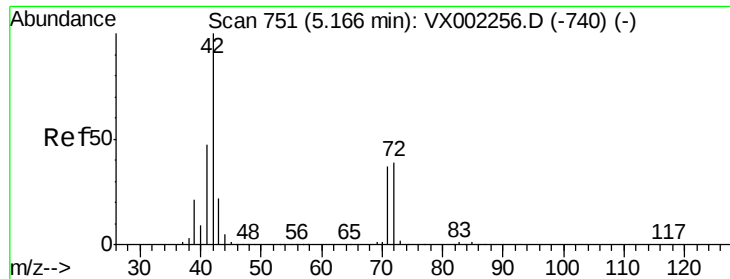


#28

Bromochloromethane
Concen: 54.952 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129518		
129	2.3	0.0	4.2	
130	78.0	61.2	91.8	





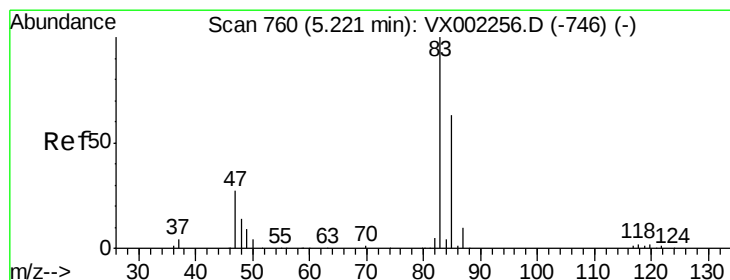
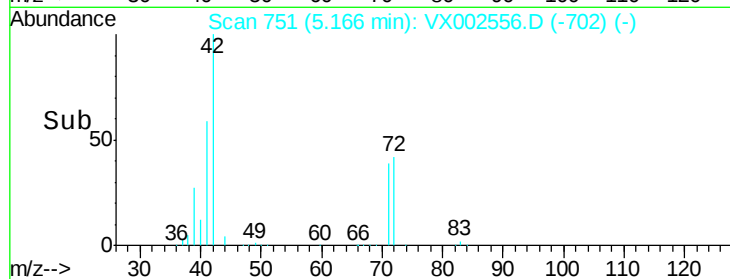
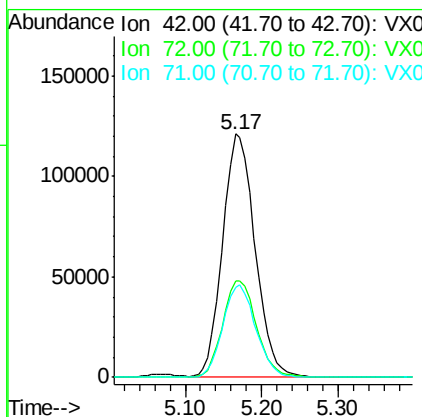
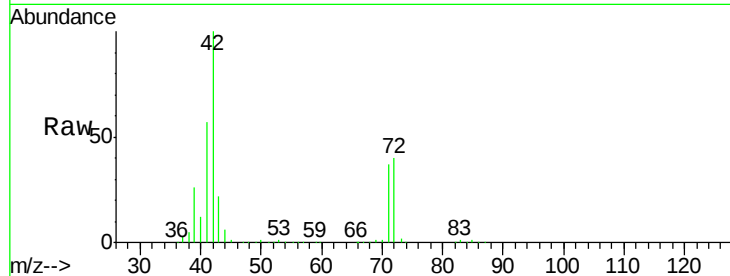
#29
Tetrahydrofuran
Concen: 230.244 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	32.0	48.0
71	38.5	30.1	45.1

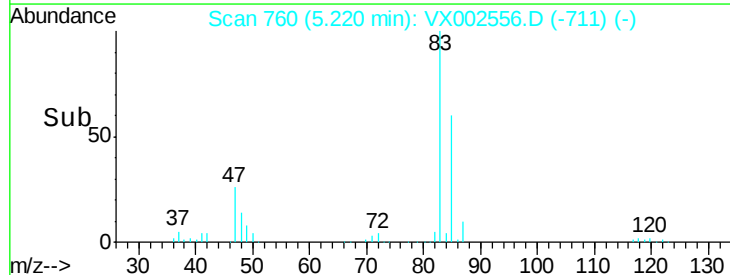
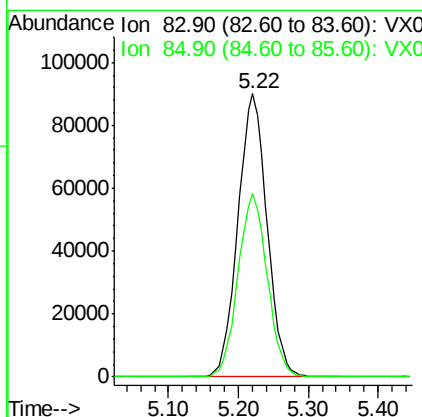
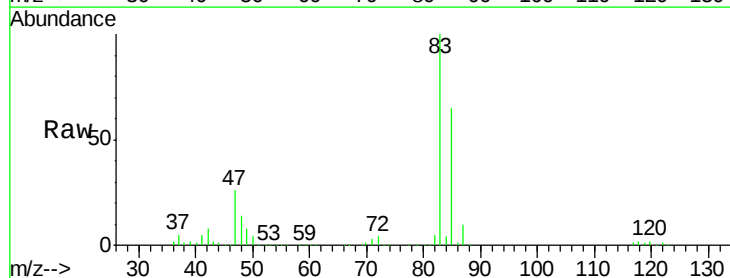
Manual Integrations
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#30
Chloroform
Concen: 48.308 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6





#31

Cyclohexane

Concen: 45.762 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

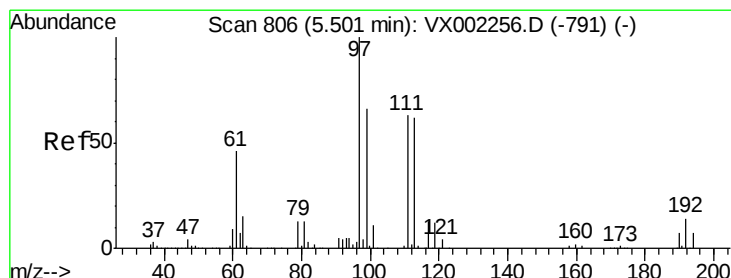
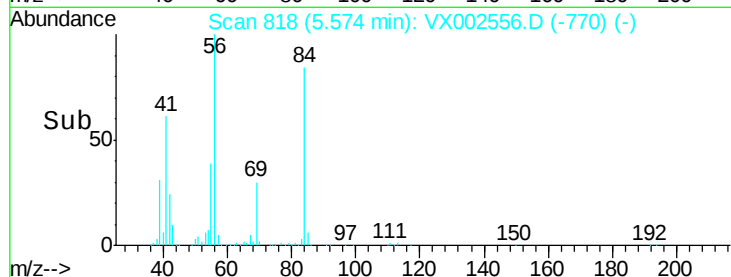
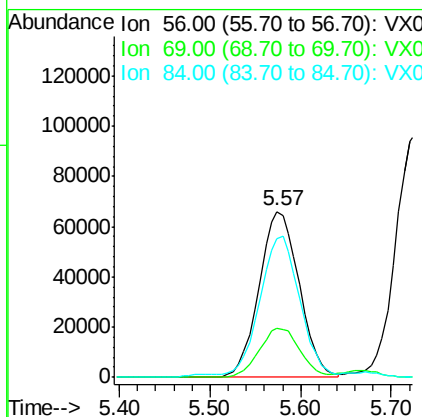
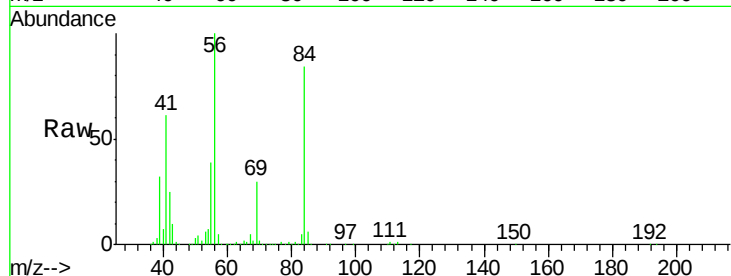
ClientSampleId :

SS050MW109-180606MSD

Tot Ion:	56	Resp:	201830
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.7	35.5
84	82.7	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.499 ug/l

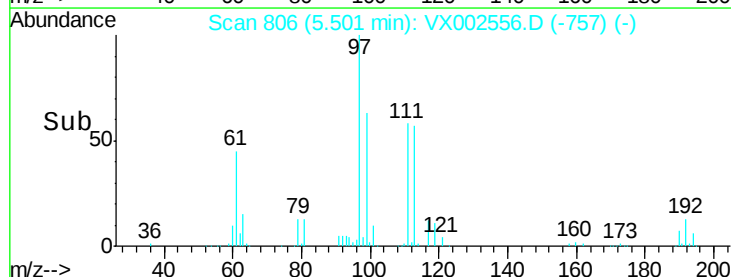
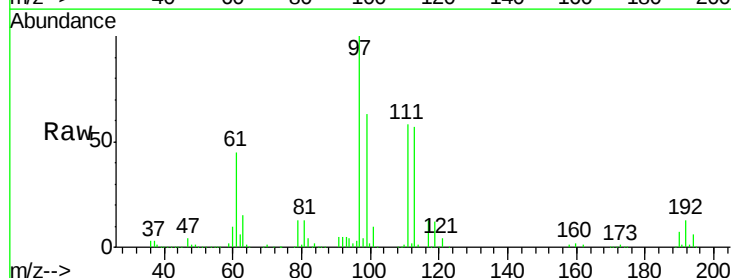
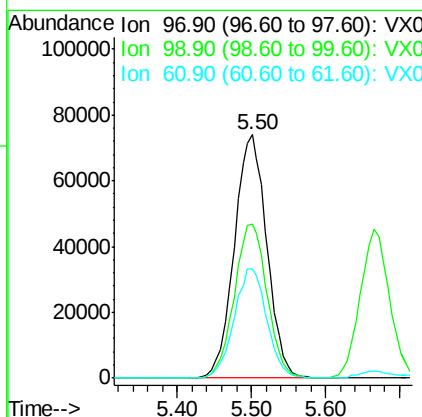
RT: 5.50 min Scan# 806

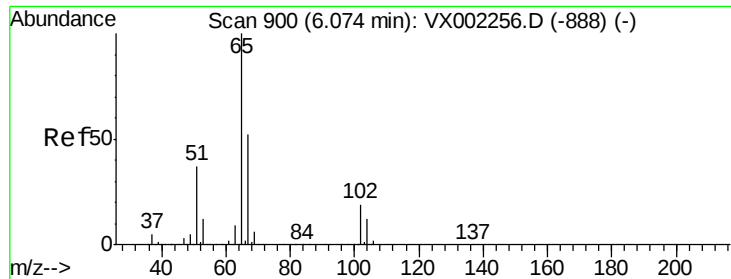
Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	97	Resp:	225936
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	45.5	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 46.123 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 65 Resp: 162044

Ion Ratio Lower Upper

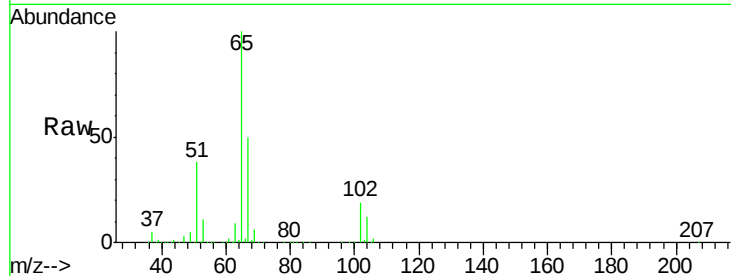
65 100

67 51.1 0.0 102.6

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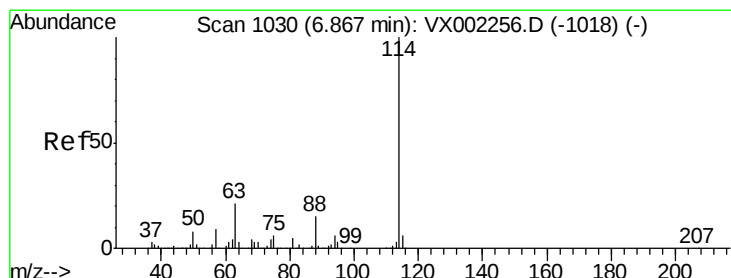
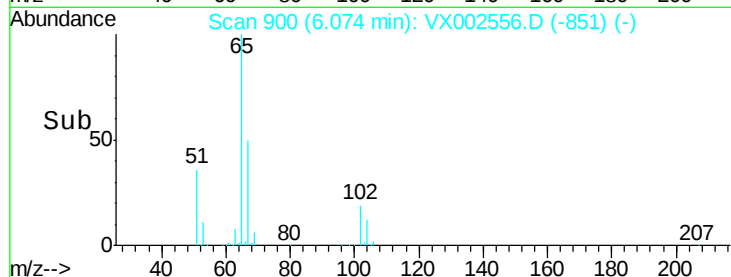
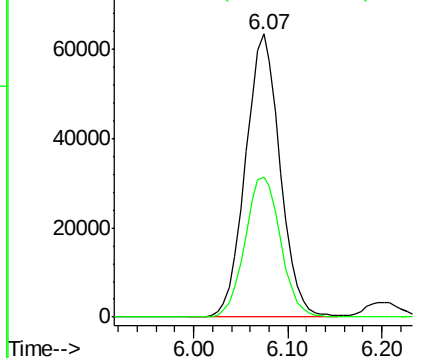
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

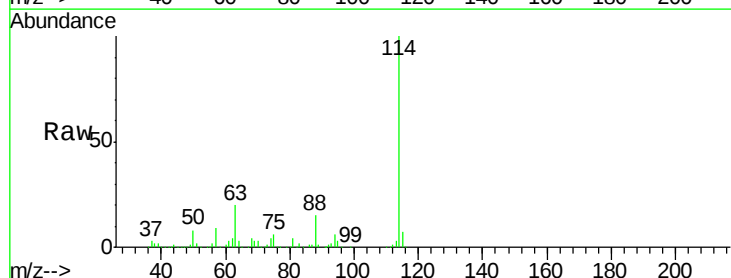
Tgt Ion: 114 Resp: 365290

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

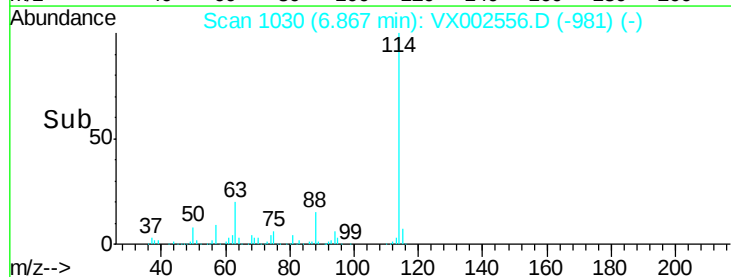
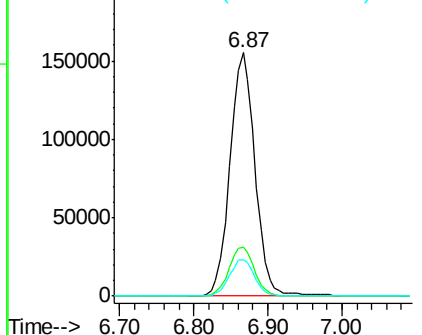
88 15.0 0.0 30.0

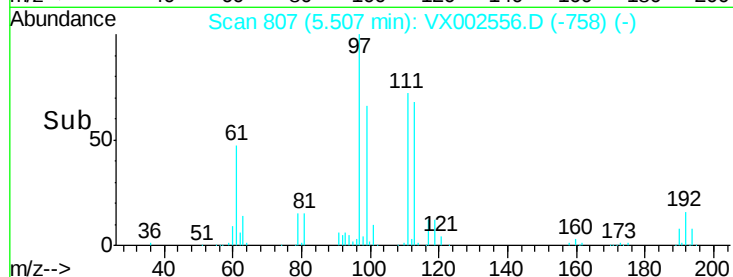
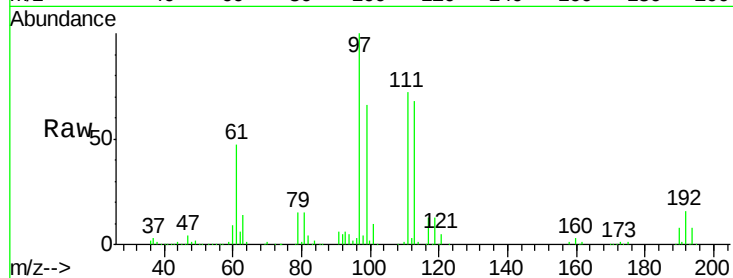
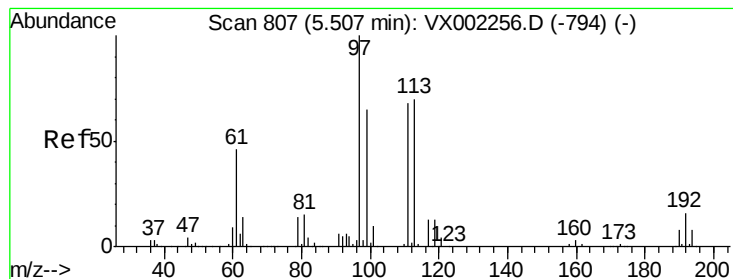


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.483 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002556.D

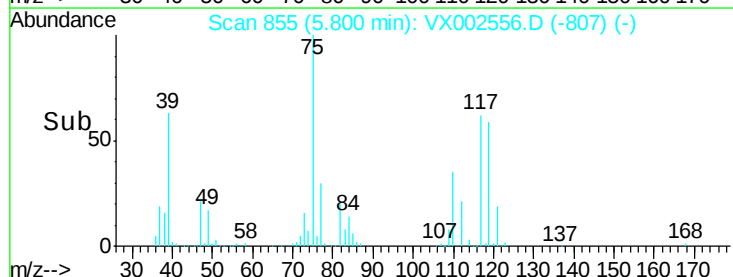
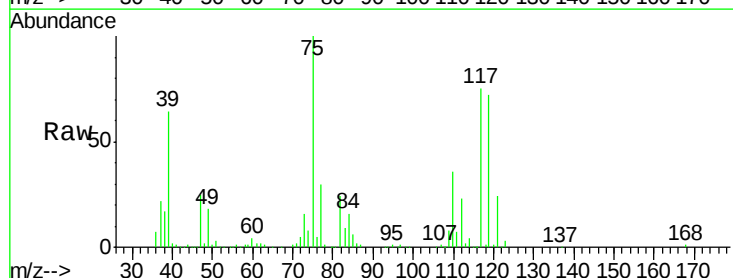
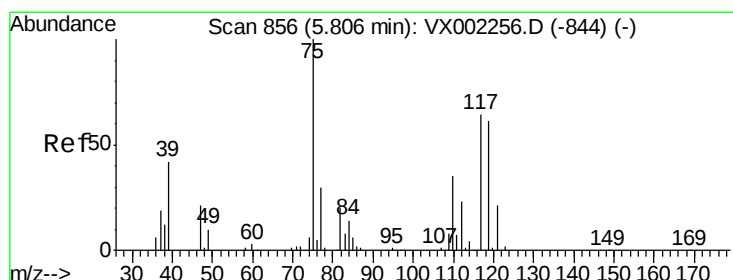
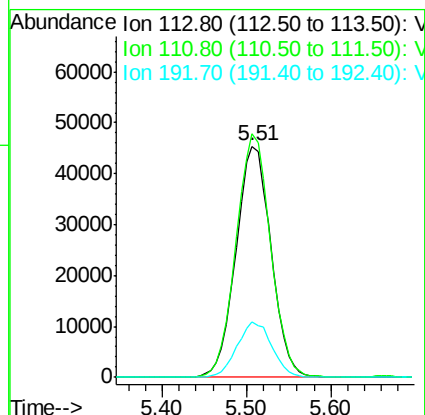
Acq: 14 Jun 2018 17:12

Tot Ion:	113	Resp:	127784
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.4	122.0
192	23.9	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.530 ug/l

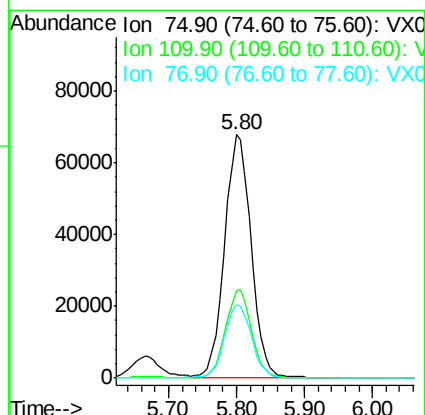
RT: 5.80 min Scan# 855

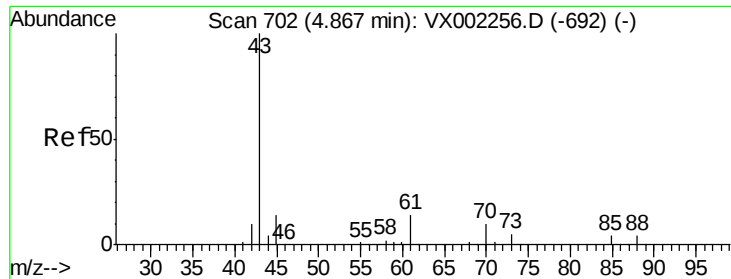
Delta R.T. -0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	75	Resp:	182528
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.4
77	31.2	24.3	36.5





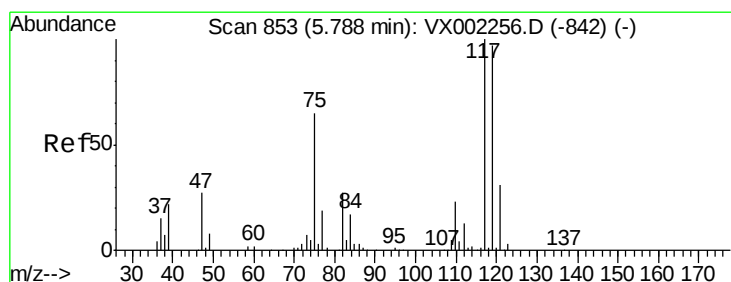
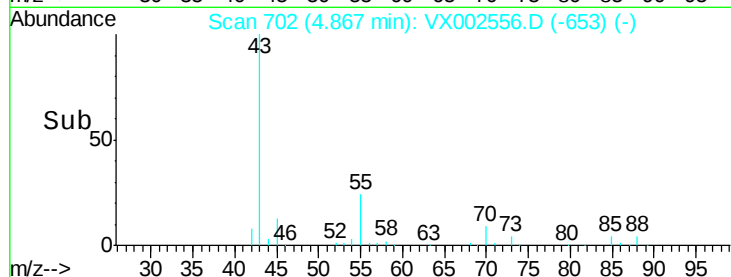
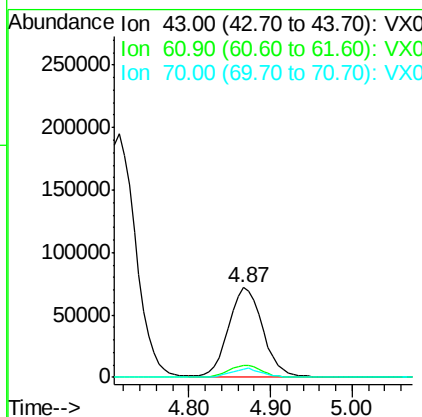
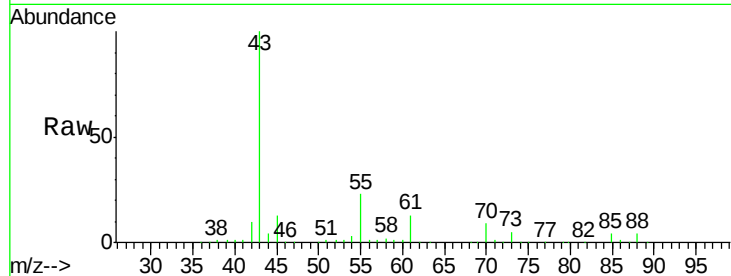
#37
Ethyl Acetate
Concen: 45.000 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.5	7.6	11.4

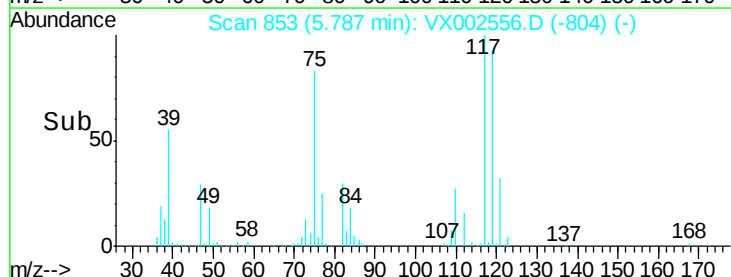
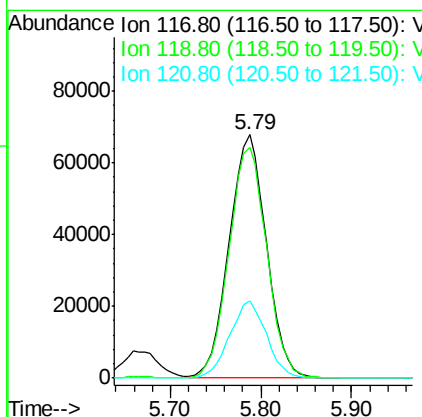
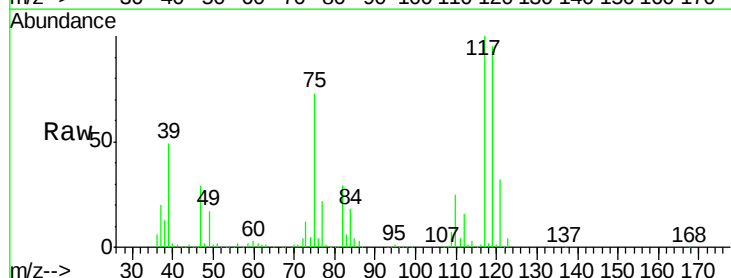
Manual Integrations
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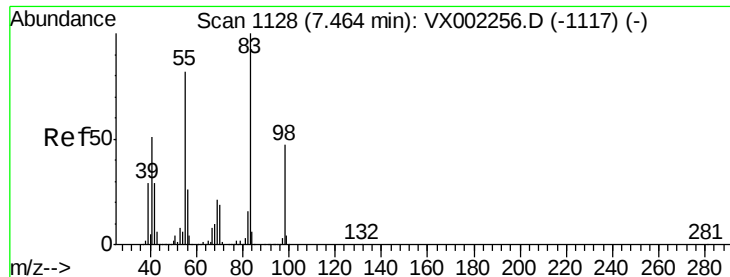
MMDadoda
6/15/2018 1:11:54 PM



#38
Carbon Tetrachloride
Concen: 48.192 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
121	31.8	24.4	36.6





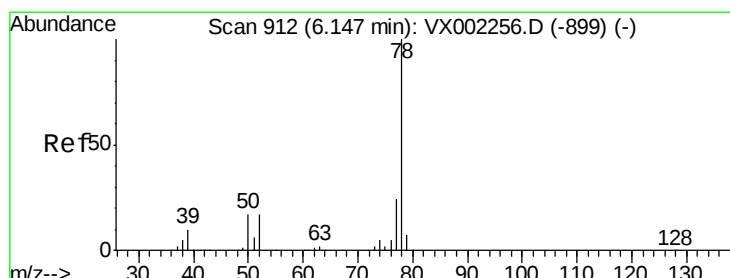
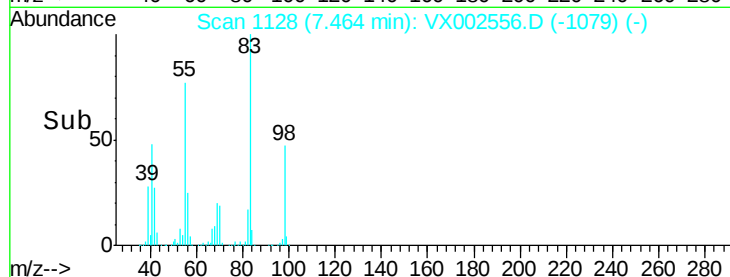
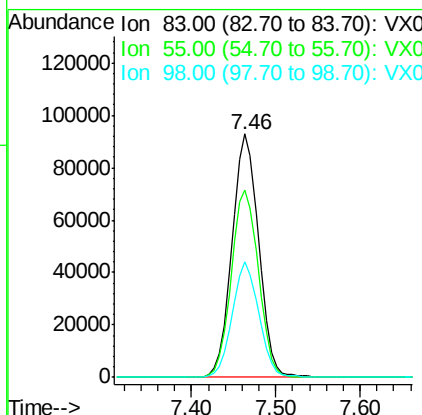
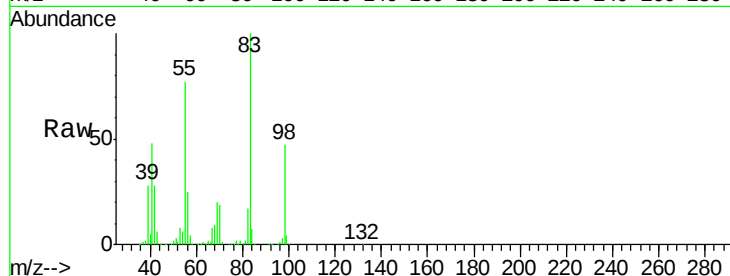
#39
Methvlcvclohexane
Concen: 41.881 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	65.4	98.0
98	47.4	37.4	56.0

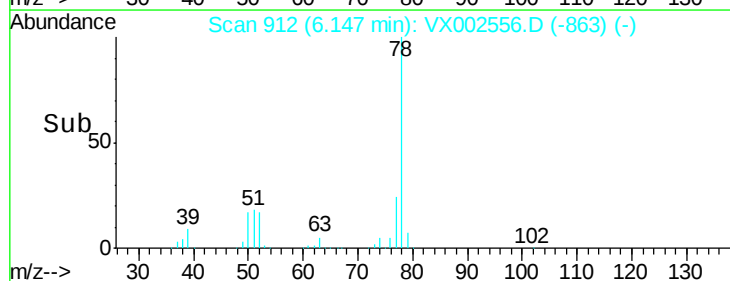
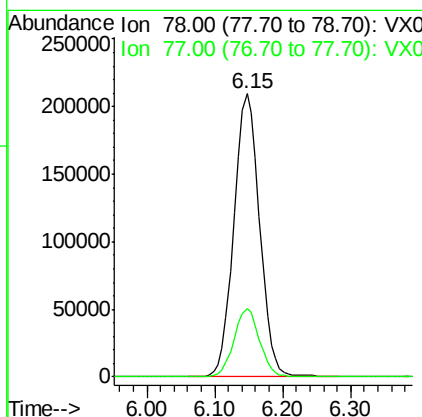
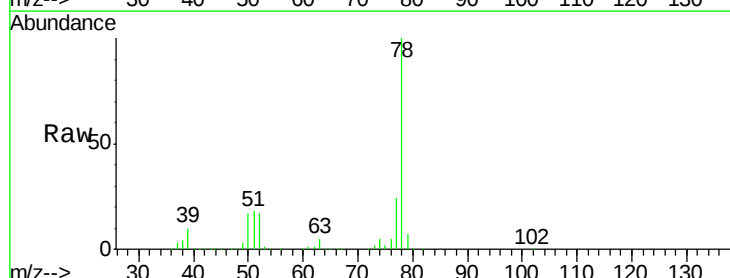
Manual Integrations
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#40
Benzene
Concen: 46.817 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





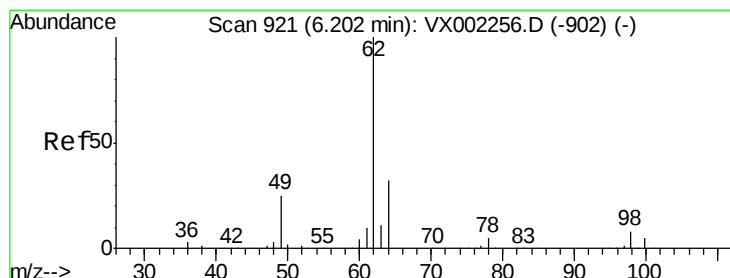
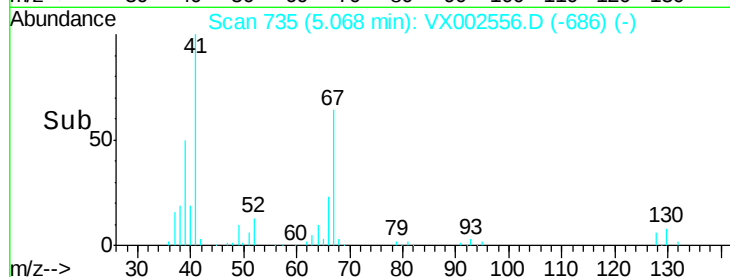
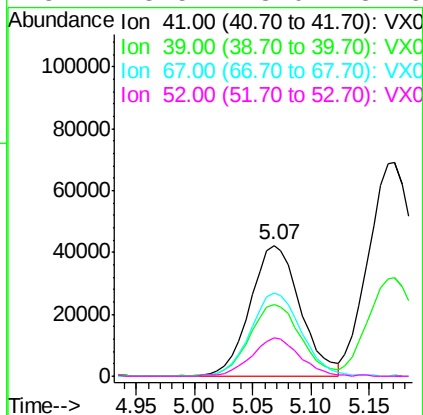
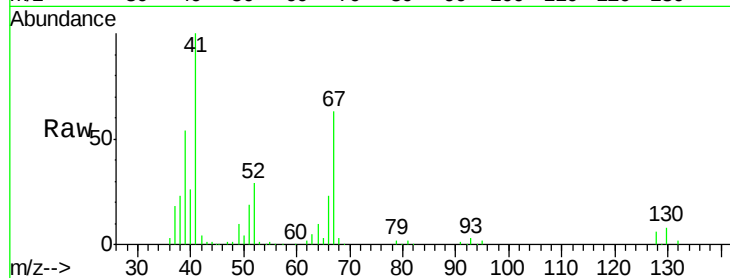
#41
Methacrylonitrile
Concen: 47.615 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		125883		
39	55.8	45.8	68.6		
67	64.9	51.3	76.9		
52	28.5	23.0	34.6		

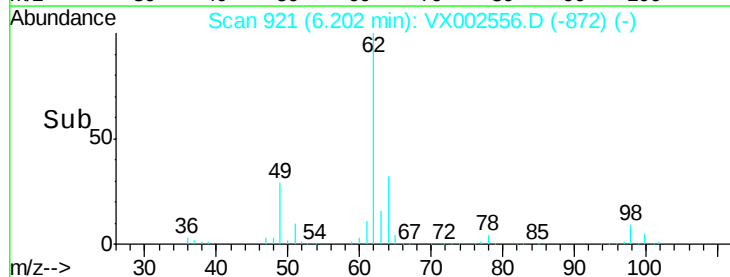
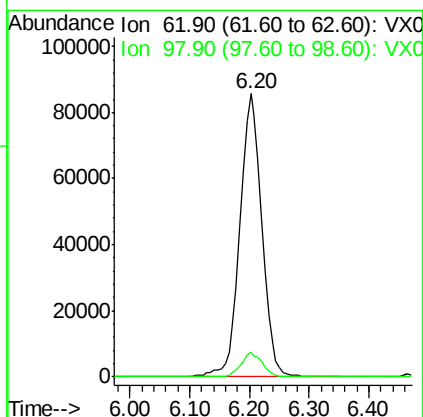
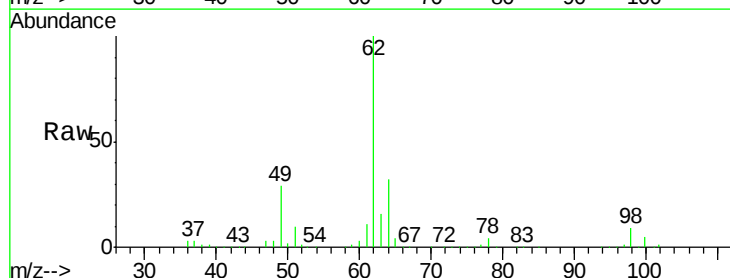
Manual Integrations
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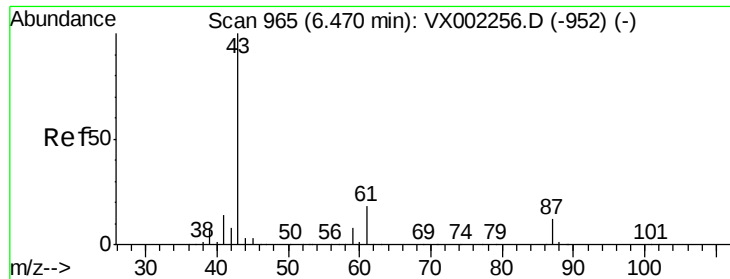
MMDadoda
6/15/2018 1:11:54 PM



#42
1,2-Dichloroethane
Concen: 46.863 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		219237		
98	8.3	0.0	16.6		





#43

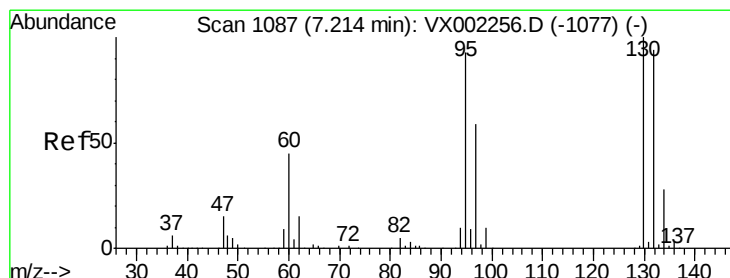
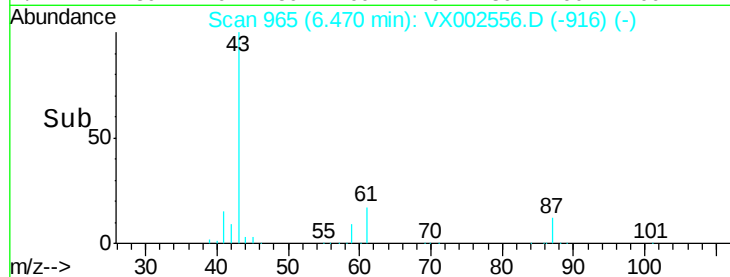
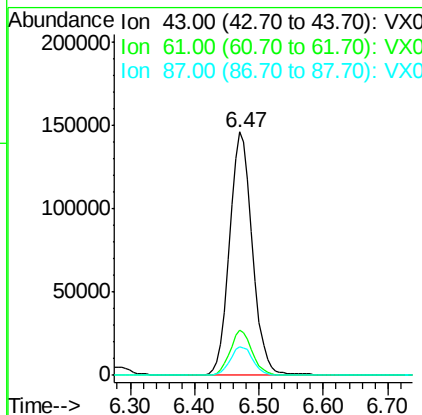
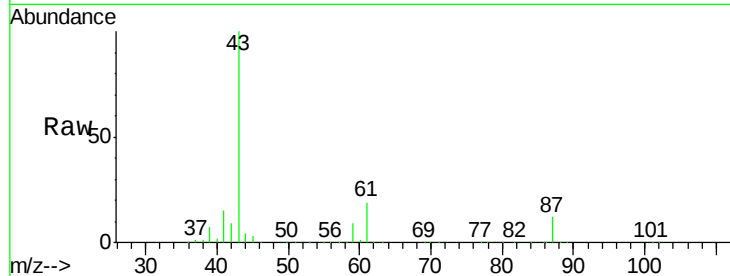
Isopropyl Acetate
 Concen: 46.332 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	11.9	9.5	14.3

Manual Integrations
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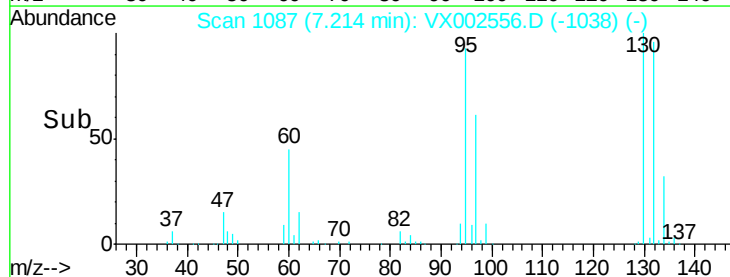
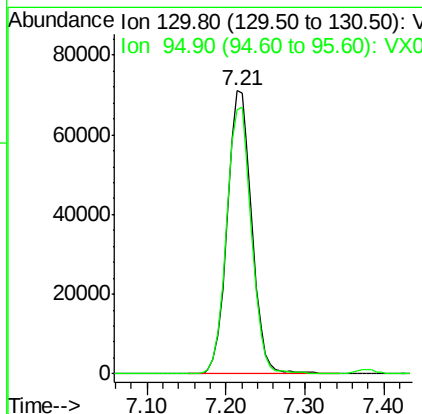
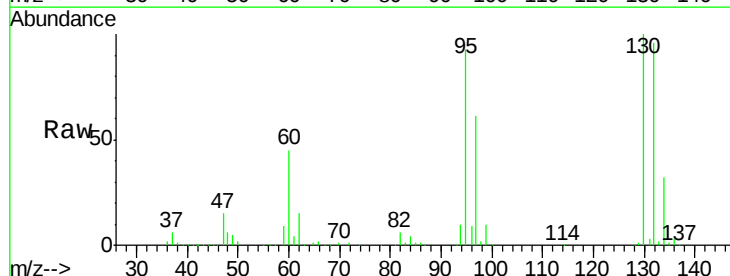
MMDadoda
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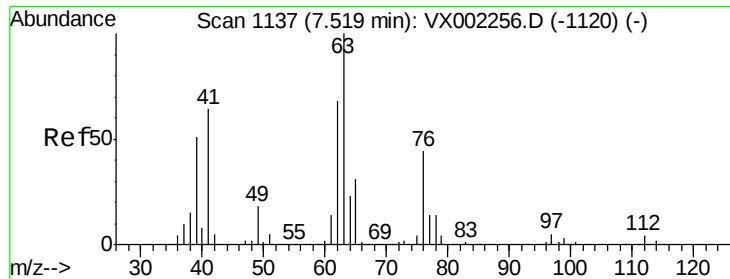


#44

Trichloroethene
 Concen: 46.982 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.4





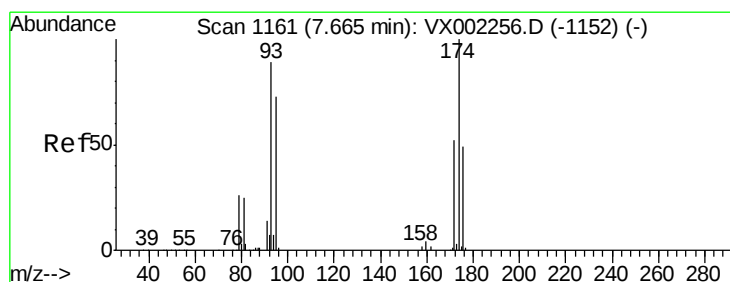
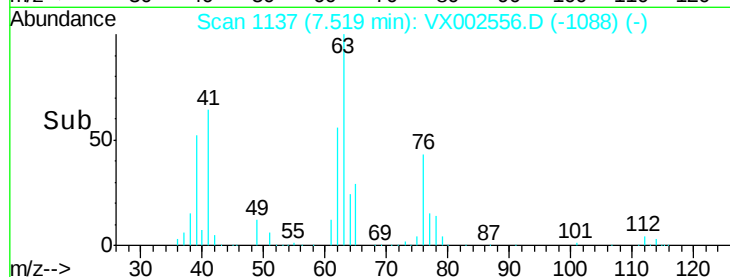
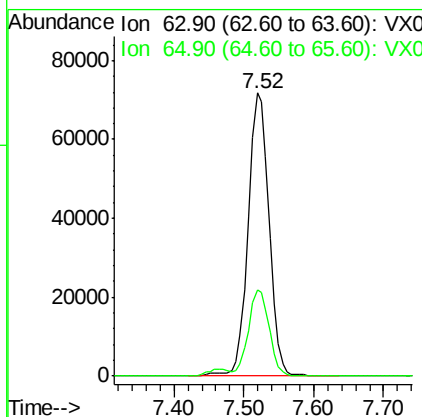
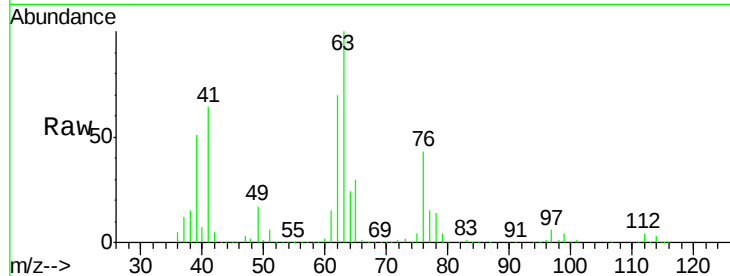
#45
 1,2-Dichloropropane
 Concen: 47.032 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion: 63 Resp: 149505
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

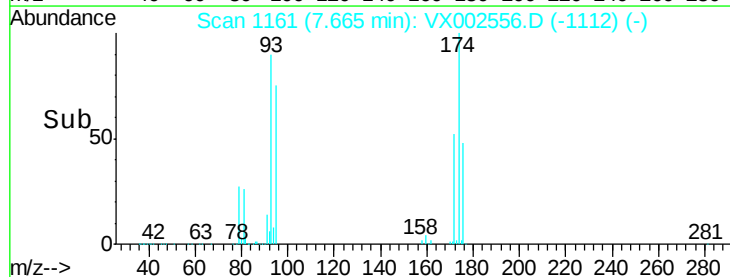
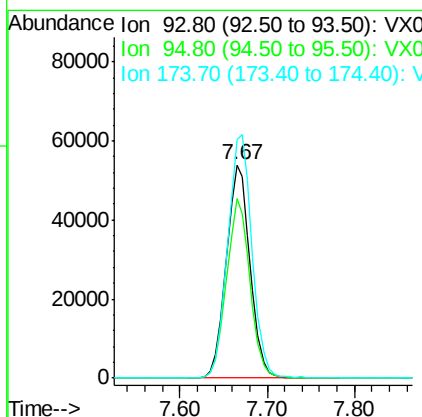
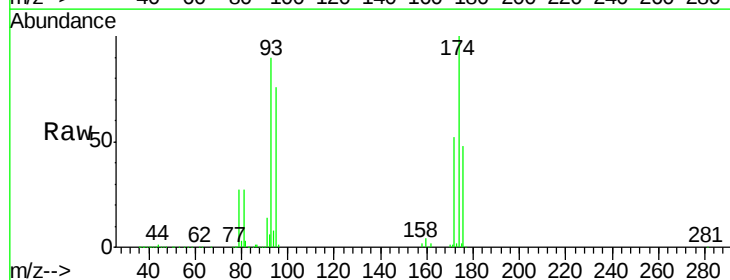
Manual Integrations
 APPROVED

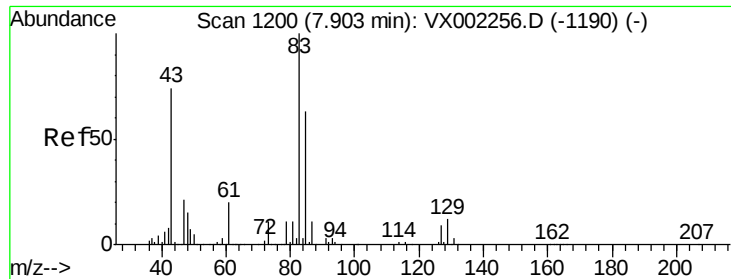
MMDadoda
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#46
 Dibromomethane
 Concen: 47.027 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 93 Resp: 101340
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.9 98.9
 174 117.2 92.4 138.6





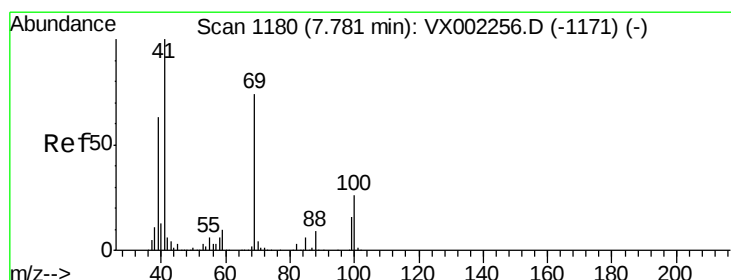
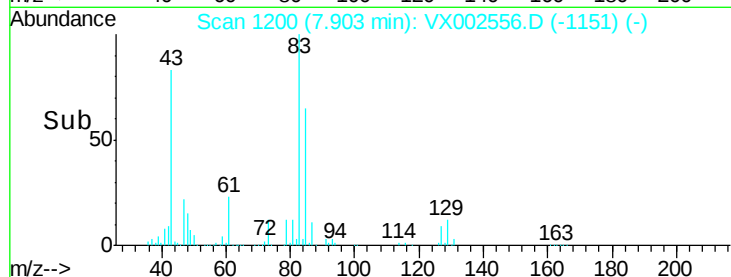
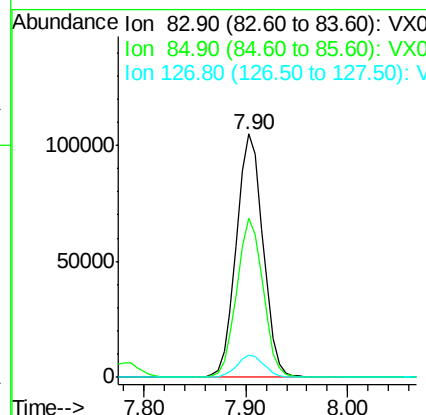
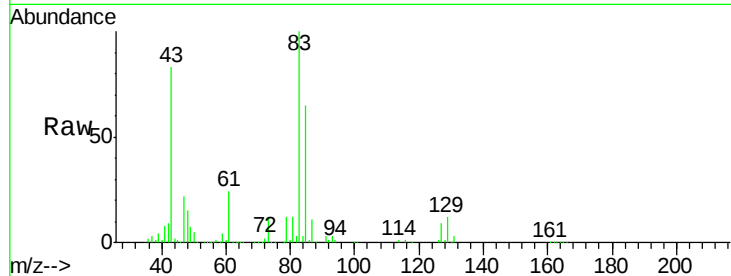
#47
 Bromodichloromethane
 Concen: 48.518 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	189092		
85	65.1	50.3	75.5	
127	9.0	7.0	10.4	

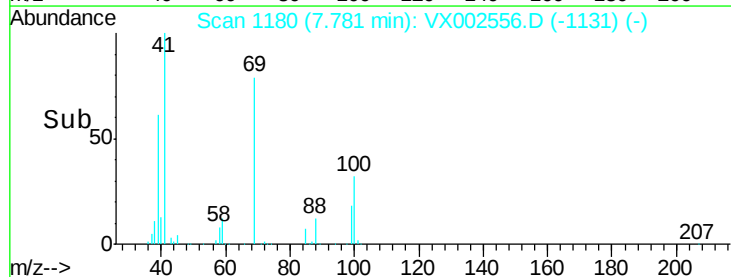
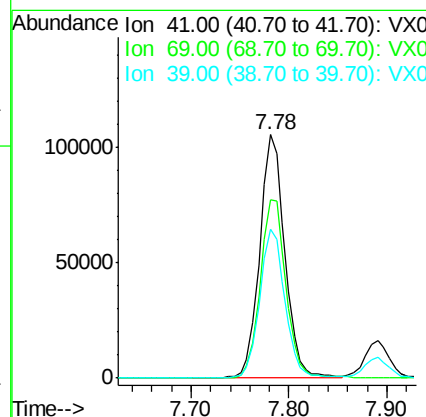
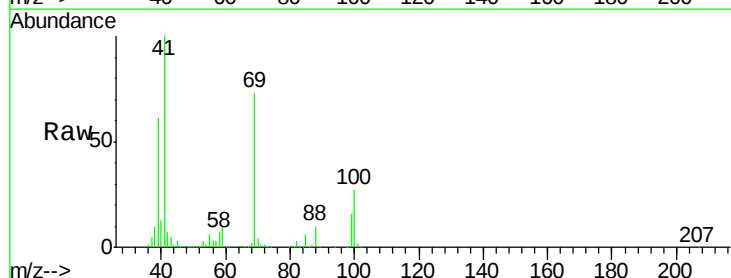
Manual Integrations
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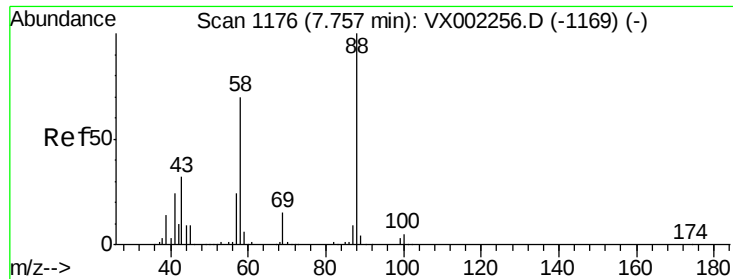
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#48
 Methyl methacrylate
 Concen: 47.398 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	186762		
69	76.4	59.1	88.7	
39	62.0	48.9	73.3	





#49

1,4-Dioxane

Concen: 938.156 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

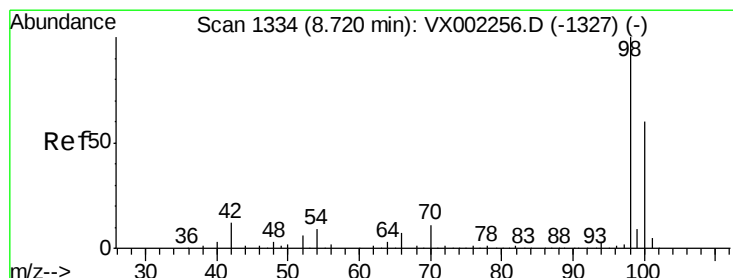
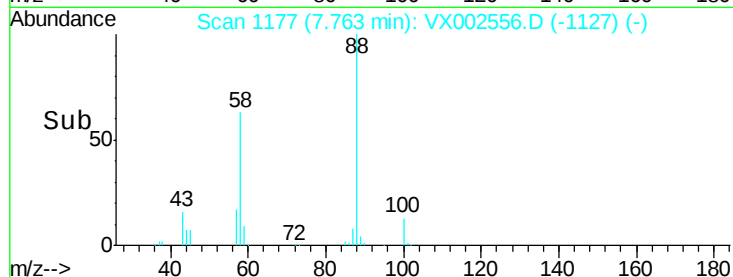
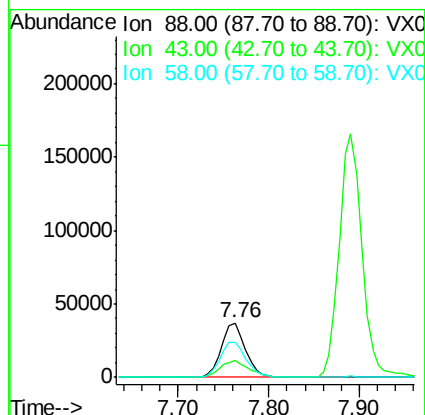
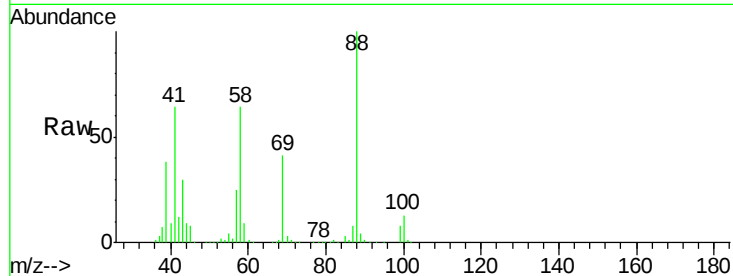
ClientSampleId :

SS050MW109-180606MSD

Tot Ion:	88	Resp:	69117
Ion	Ratio	Lower	Upper
88	100		
43	35.4	29.8	44.6
58	69.6	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 42.972 ug/l

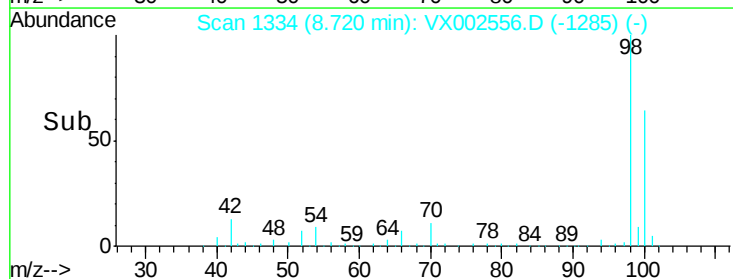
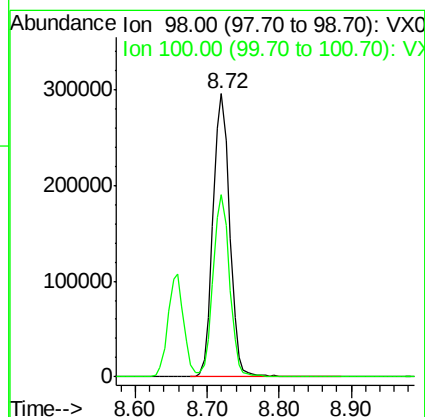
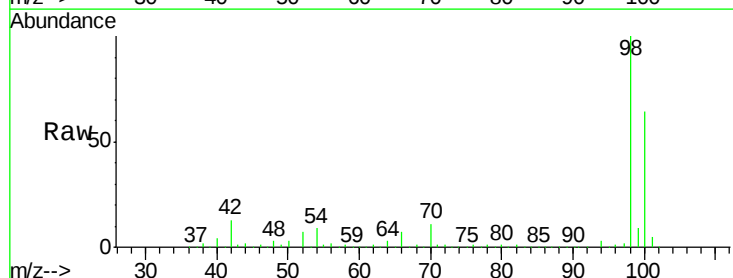
RT: 8.72 min Scan# 1334

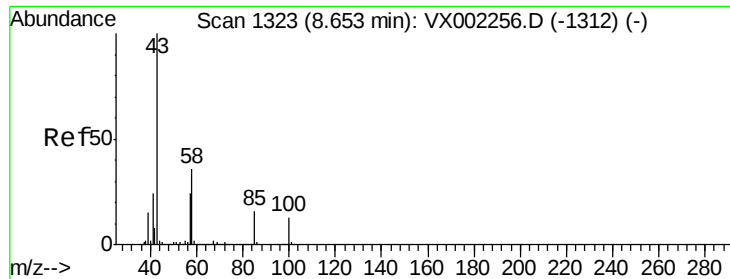
Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion:	98	Resp:	473157
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 241.870 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 43 Resp: 1181529

Ion Ratio Lower Upper

43 100

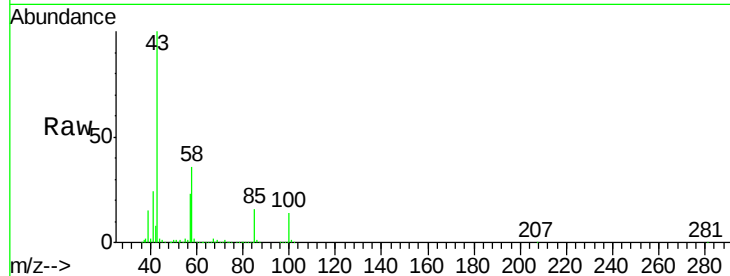
58 36.0 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

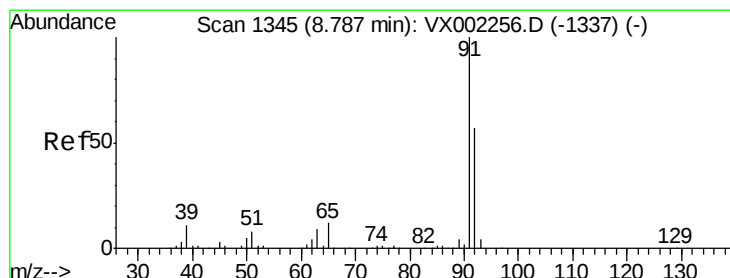
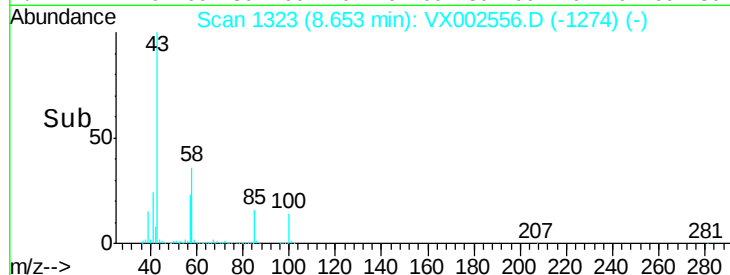
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.876 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002556.D

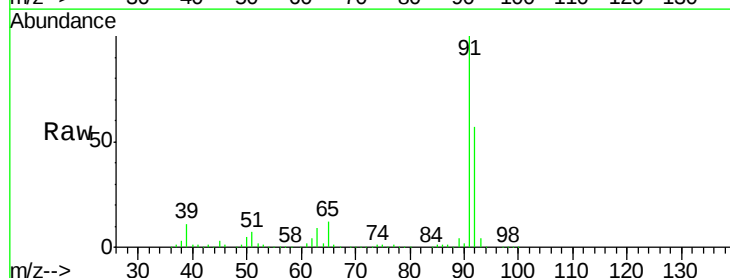
Acq: 14 Jun 2018 17:12

Tgt Ion: 92 Resp: 358541

Ion Ratio Lower Upper

92 100

91 176.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

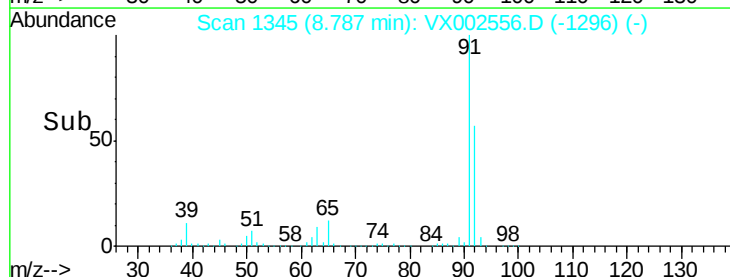
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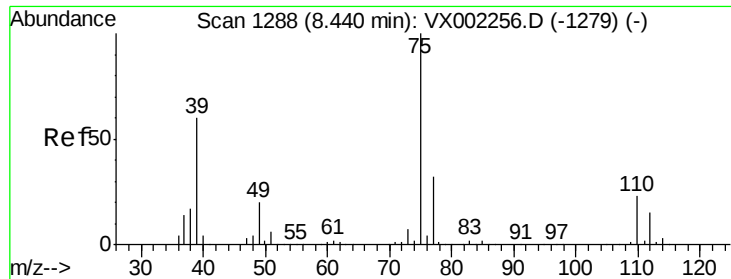
200000

100000

0

Time-->





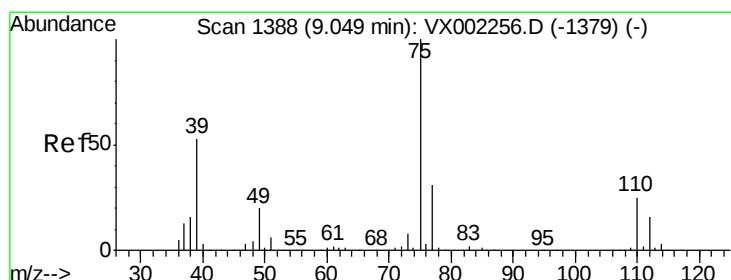
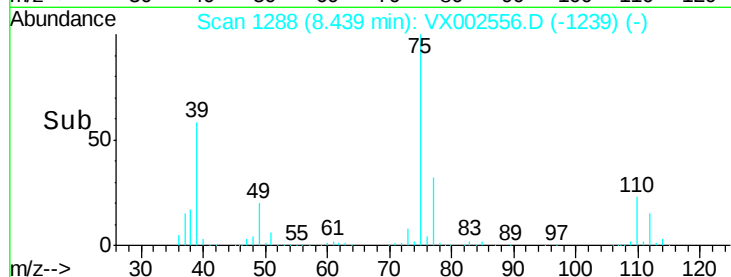
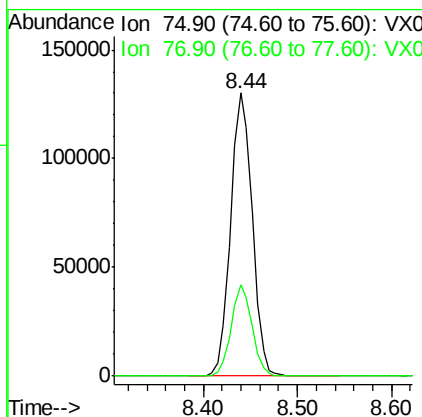
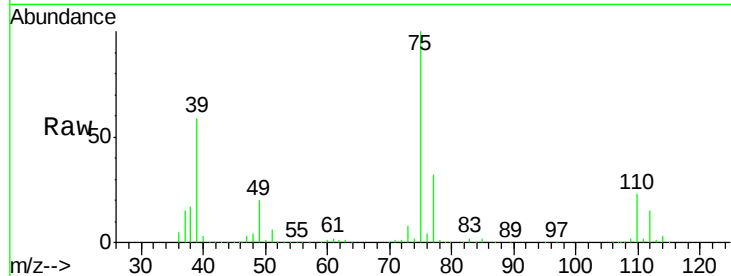
#53
t-1,3-Dichloropropene
Concen: 44.385 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion: 75 Resp: 207444
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

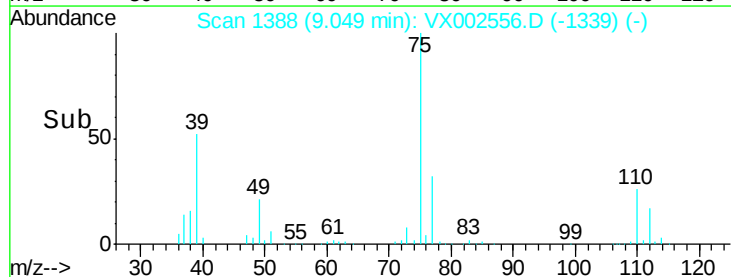
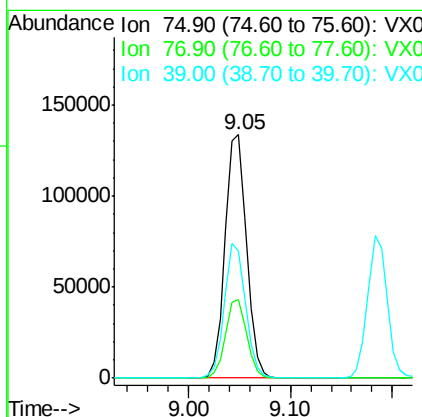
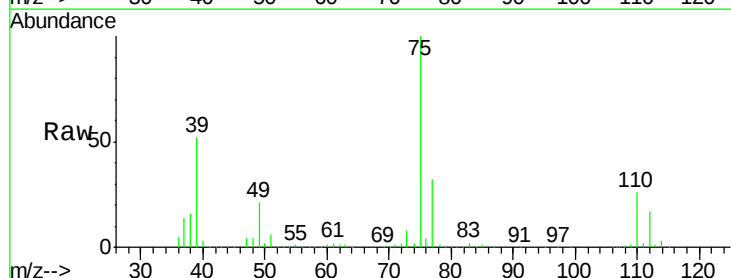
Manual Integrations
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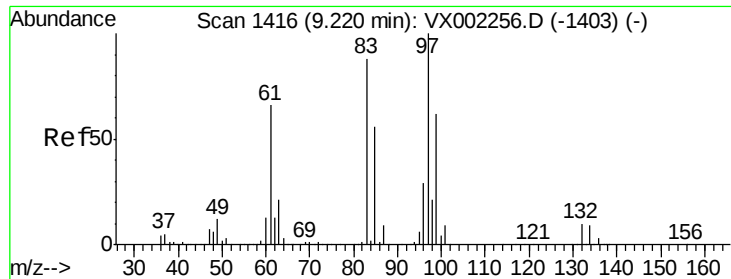
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#54
cis-1,3-Dichloropropene
Concen: 44.304 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion: 75 Resp: 195358
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 52.0 42.4 63.6





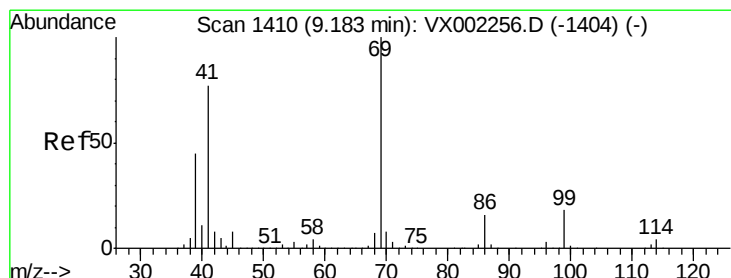
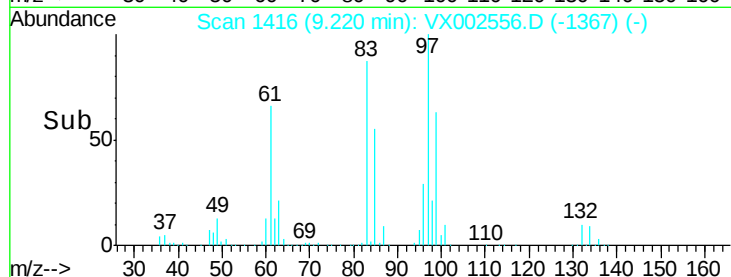
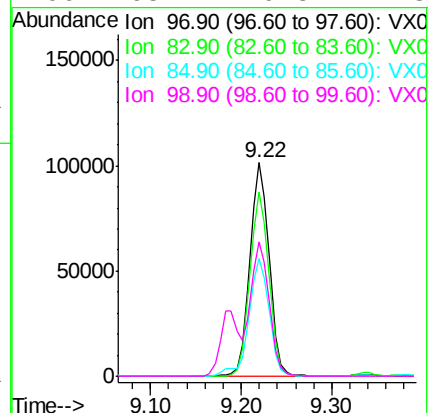
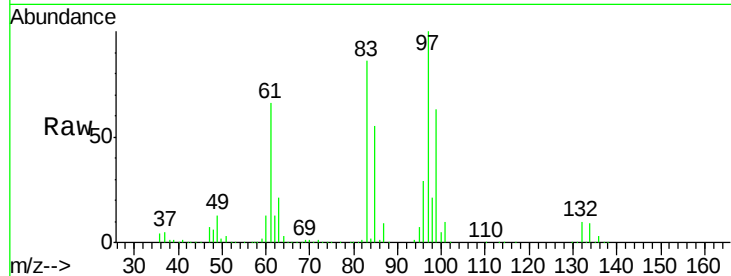
#55
 1,1,2-Trichloroethane
 Concen: 48.408 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion:	97	Resp:	149104
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.2
85	55.0	44.9	67.3
99	63.2	49.8	74.8

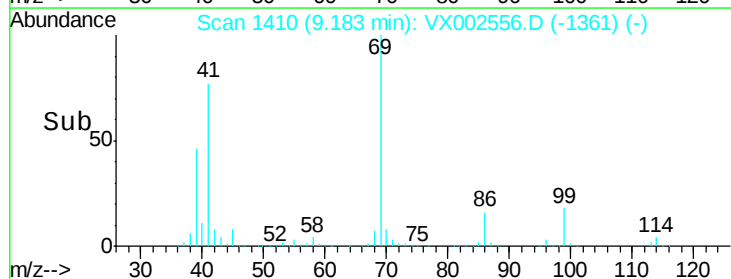
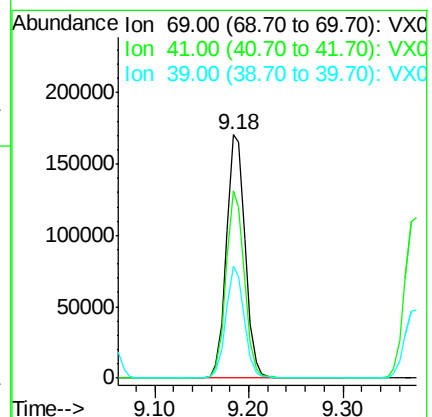
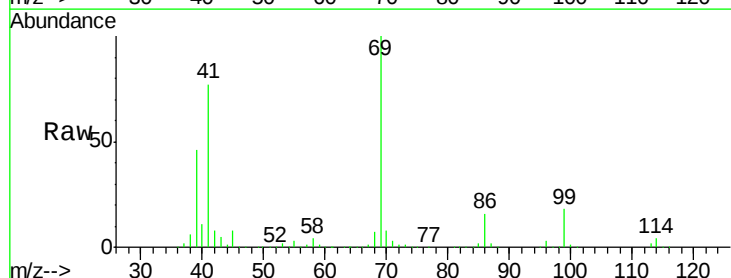
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 47.903 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion:	69	Resp:	235567
Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.3	90.5
39	44.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.006 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 76 Resp: 248063

Ion Ratio Lower Upper

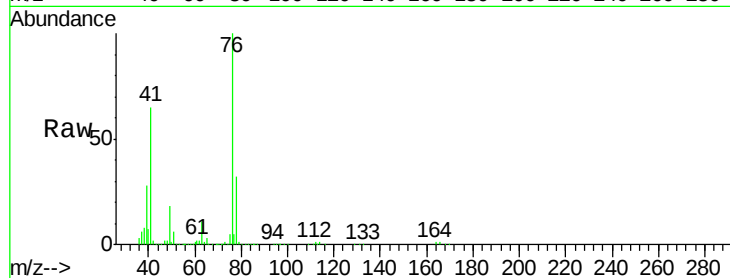
76 100

78 32.2 25.8 38.6

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

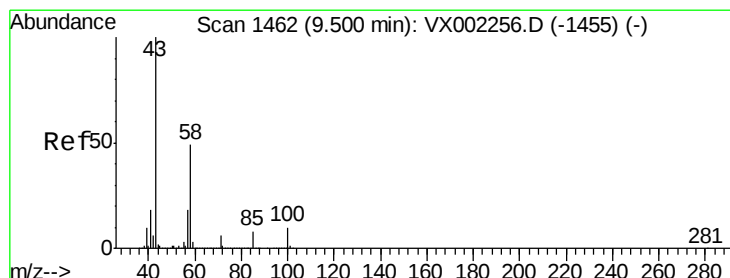
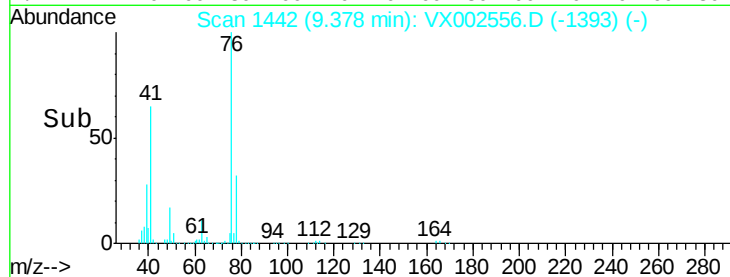
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#59

2-Hexanone

Concen: 238.131 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002556.D

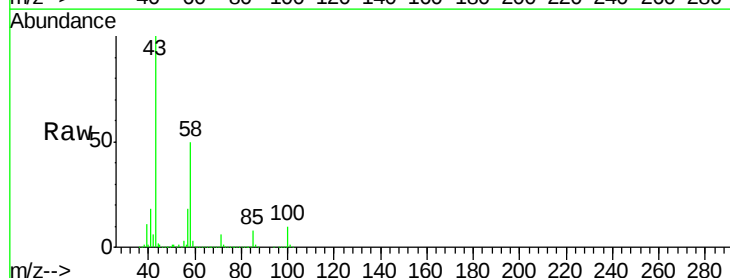
Acq: 14 Jun 2018 17:12

Tgt Ion: 43 Resp: 898513

Ion Ratio Lower Upper

43 100

58 50.4 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

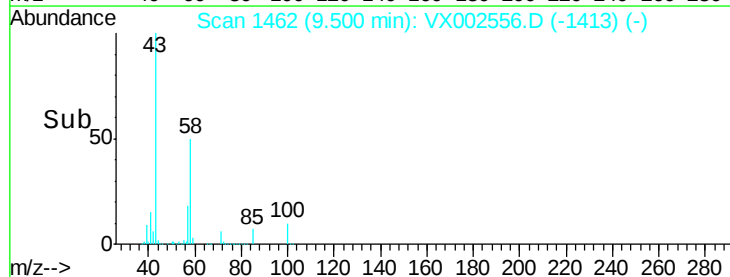
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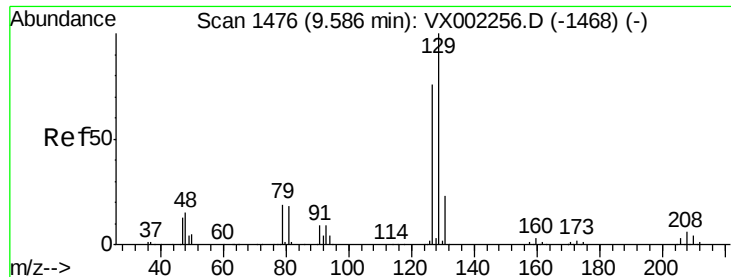
200000

0

9.40 9.45 9.50 9.55 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.399 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion:129 Resp: 156144

Ion Ratio Lower Upper

129 100

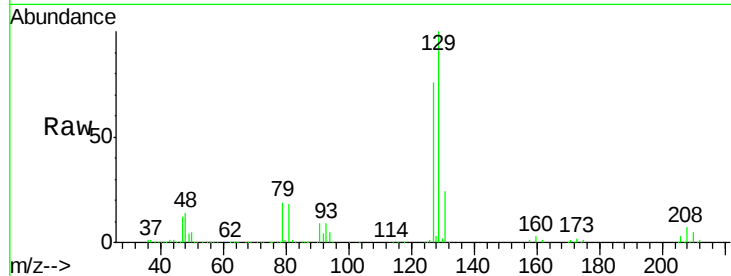
127 76.0 38.5 115.3

Manual Integrations

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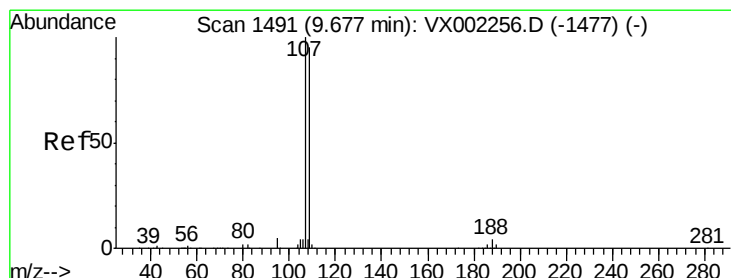
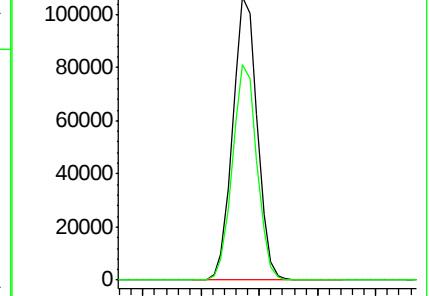
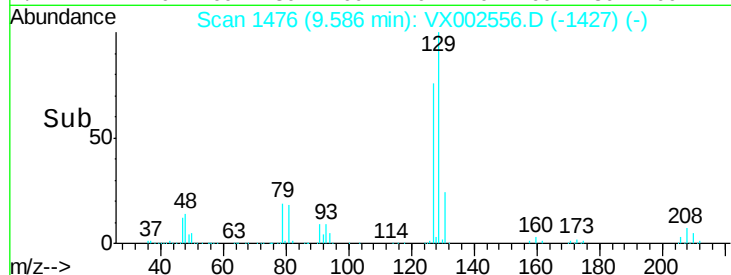
6/15/2018 1:11:54 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59



#61

1,2-Dibromoethane

Concen: 48.870 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002556.D

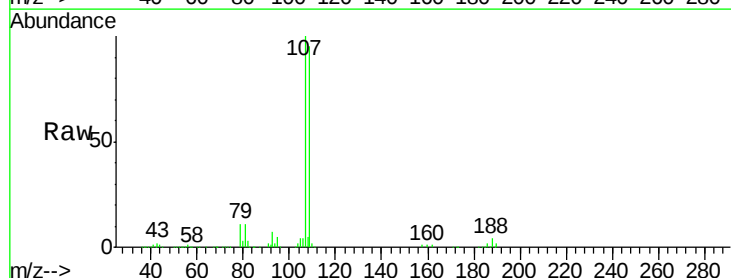
Acq: 14 Jun 2018 17:12

Tgt Ion:107 Resp: 156950

Ion Ratio Lower Upper

107 100

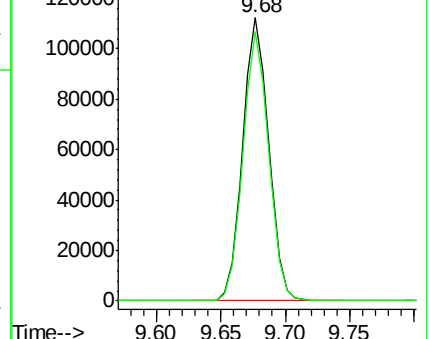
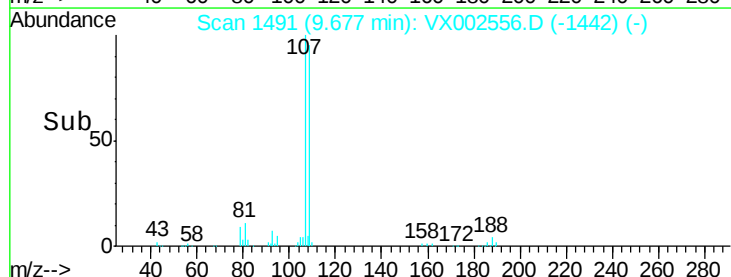
109 94.3 75.3 112.9

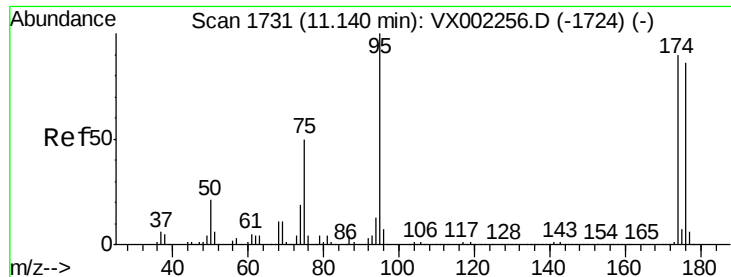


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68





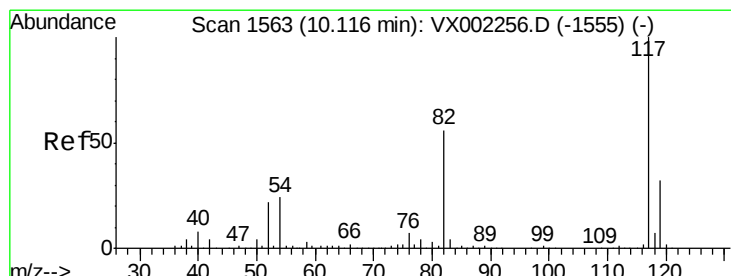
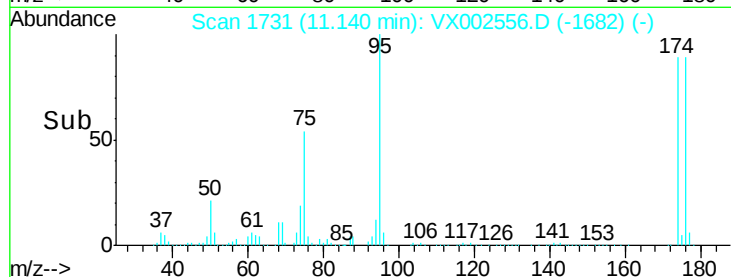
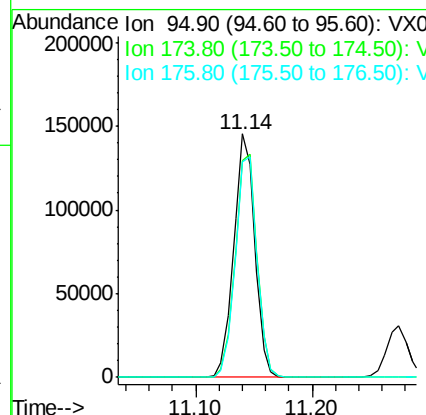
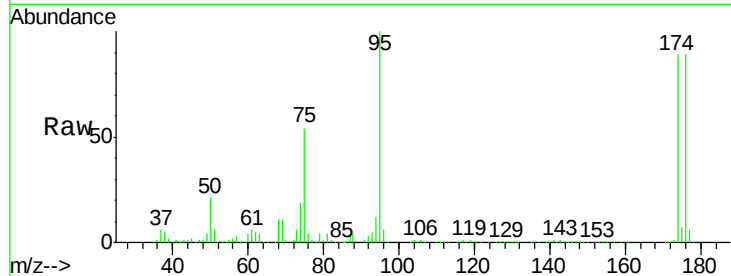
#62
4-Bromofluorobenzene
Concen: 42.927 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	182265		
174	95.7	0.0	187.4	
176	94.1	0.0	181.0	

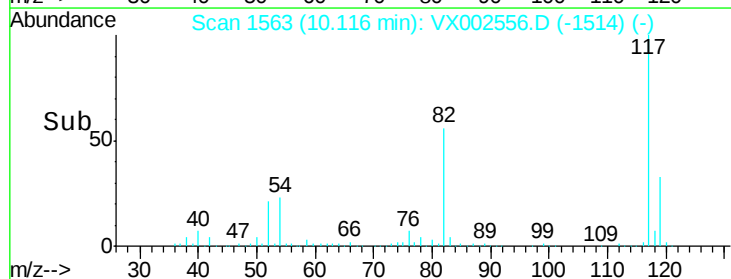
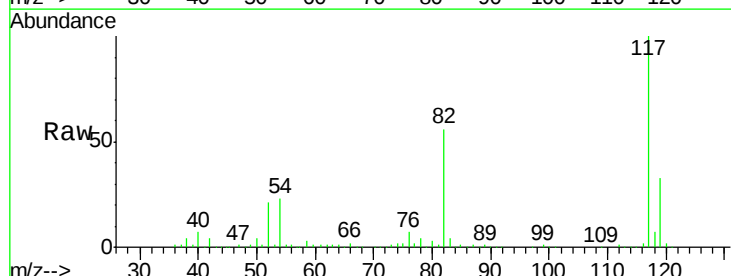
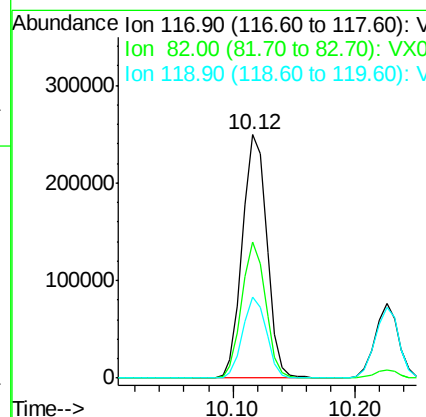
Manual Integrations
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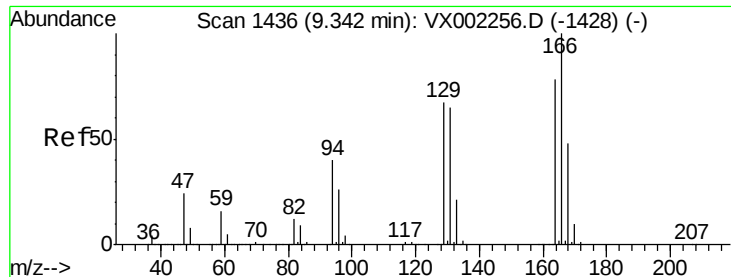
MMDadoda
6/15/2018 1:11:54 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	346653		
82	55.9	45.0	67.4	
119	33.1	25.8	38.6	





#64

Tetrachloroethene

Concen: 40.879 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002556.D

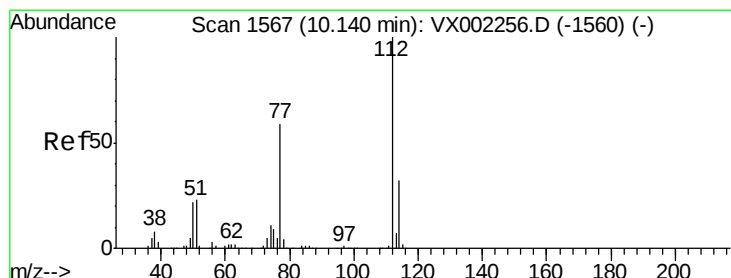
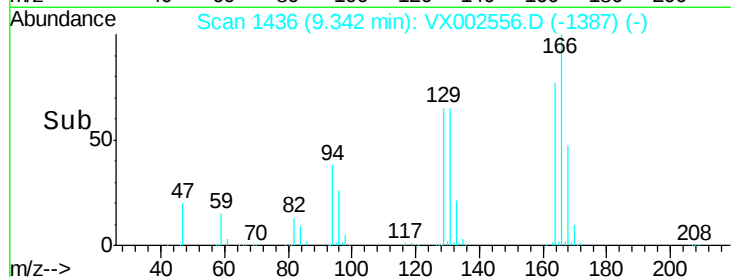
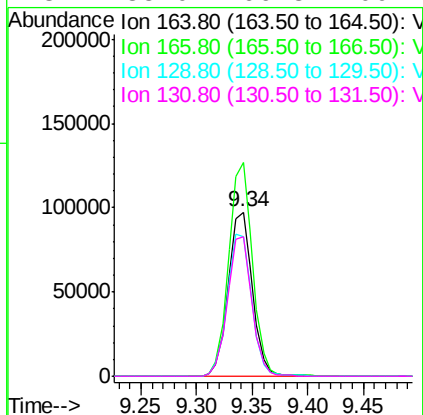
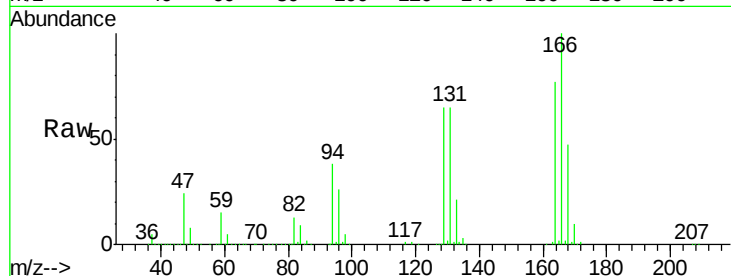
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.9	102.9	154.3	
129	84.6	68.6	102.8	
131	85.0	66.8	100.2	

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#65

Chlorobenzene

Concen: 48.098 ug/l

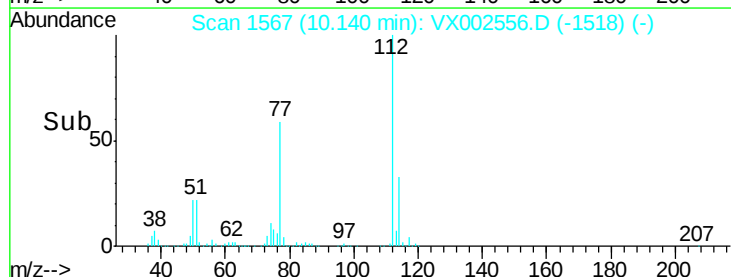
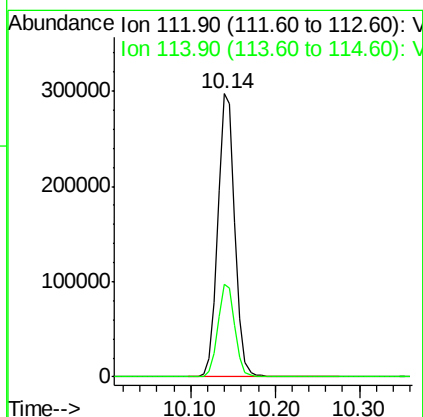
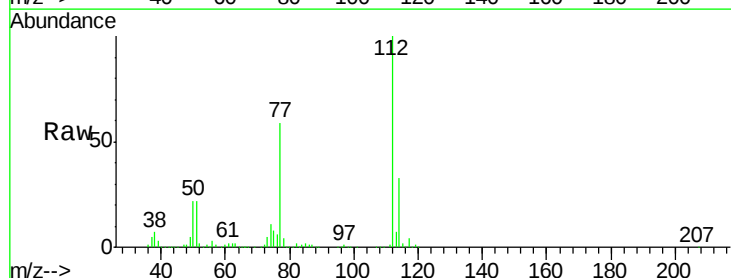
RT: 10.14 min Scan# 1567

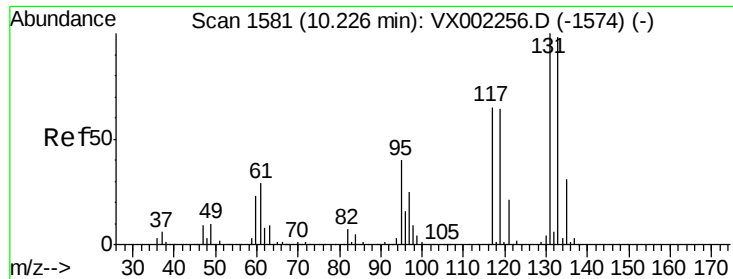
Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.8	25.3	37.9	





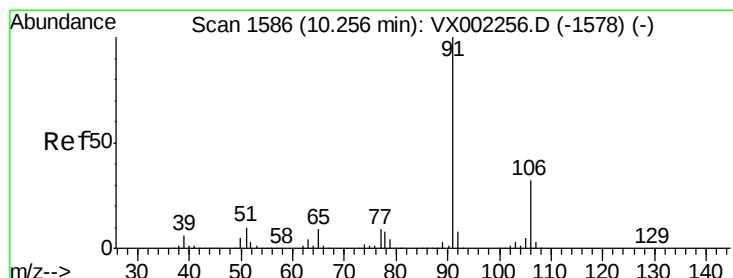
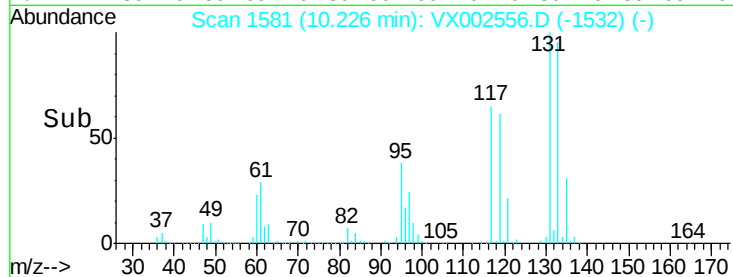
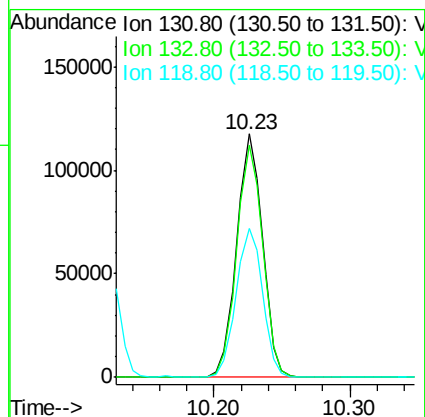
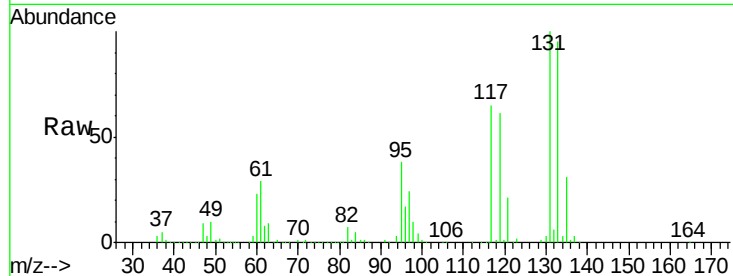
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.954 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	156021		
133	96.1	47.9	143.6	
119	63.0	31.8	95.3	

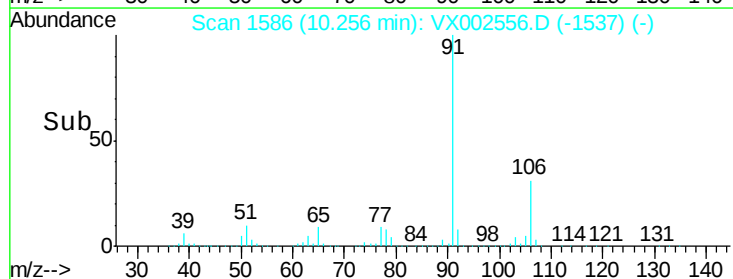
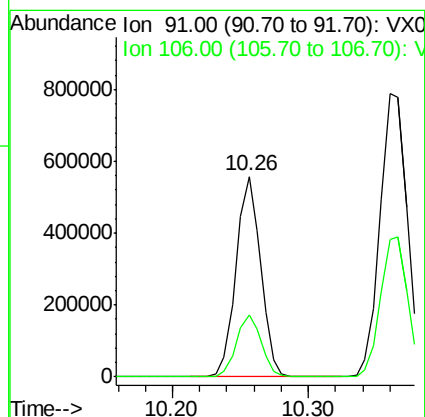
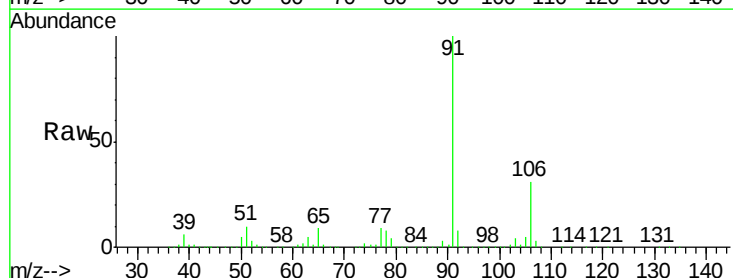
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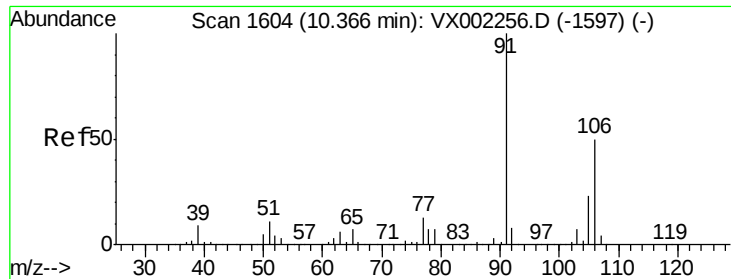
MMDadoda
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#67
 Ethyl Benzene
 Concen: 48.668 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	702528		
106	31.1	25.5	38.3	





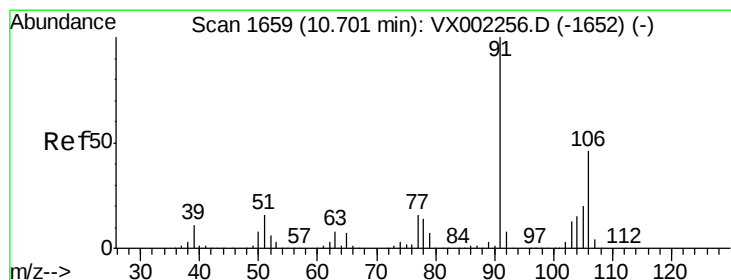
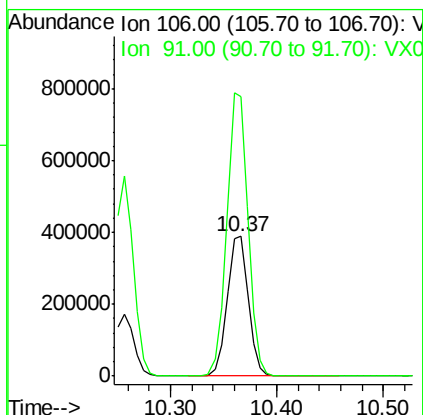
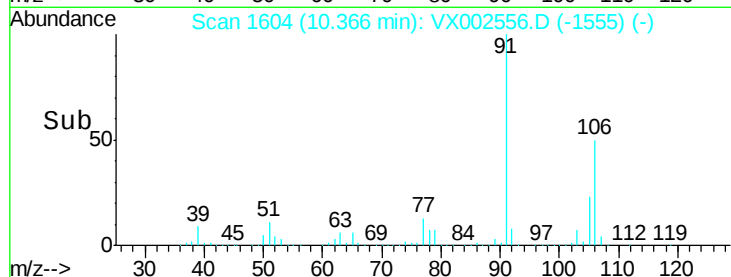
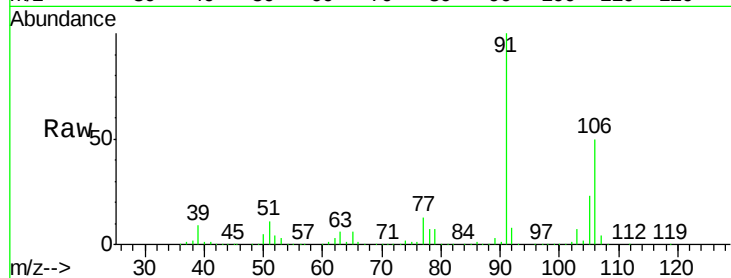
#68
m/p-Xvlenes
Concen: 96.593 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion:106 Resp: 542018
Ion Ratio Lower Upper
106 100
91 202.7 163.4 245.2

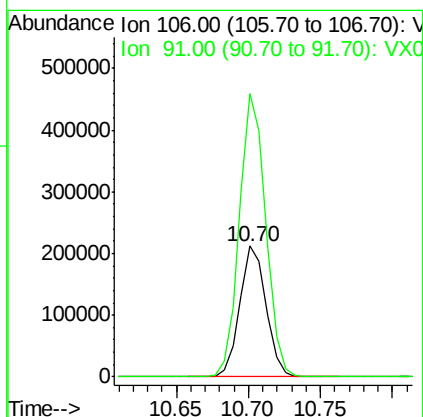
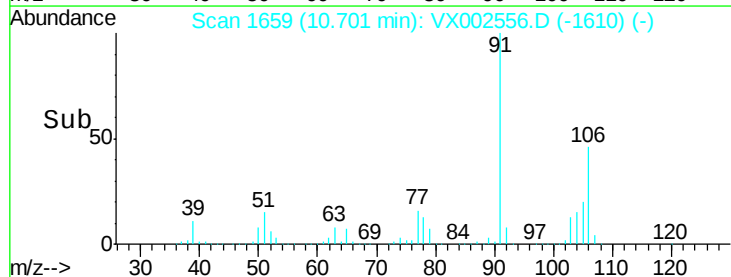
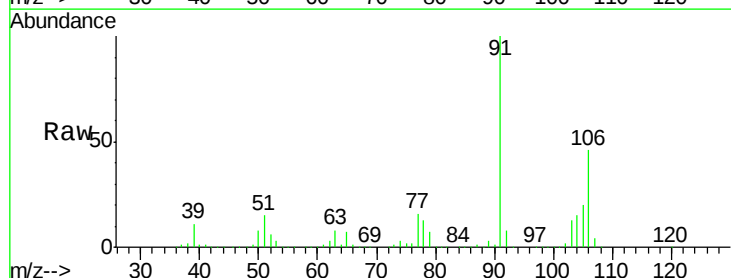
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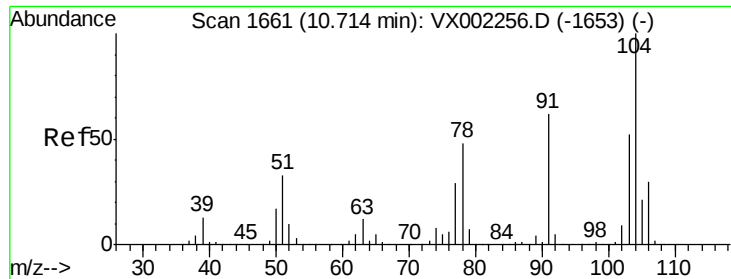
MMDadoda
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#69
o-Xylene
Concen: 48.091 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:106 Resp: 268547
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6





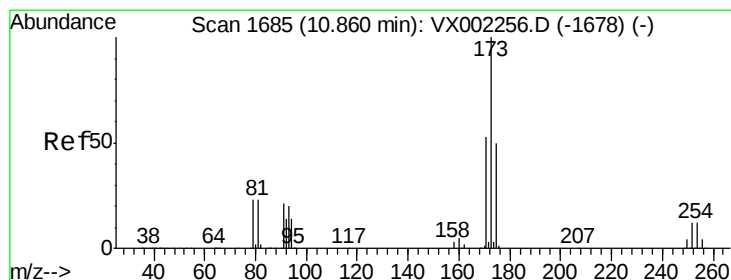
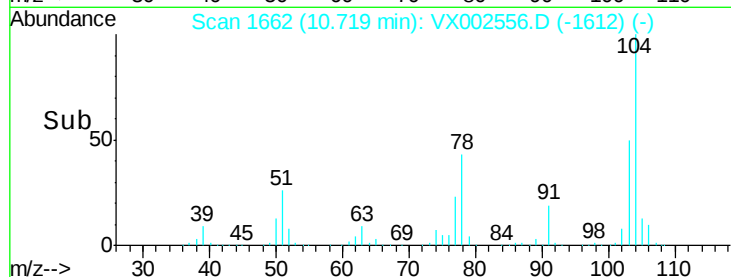
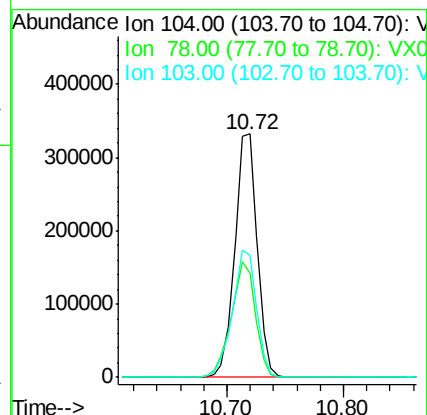
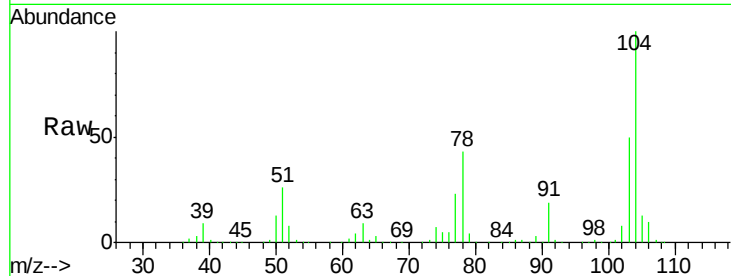
#70
Stvrene
Concen: 48.695 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.0	61.6
103	56.3	44.2	66.4

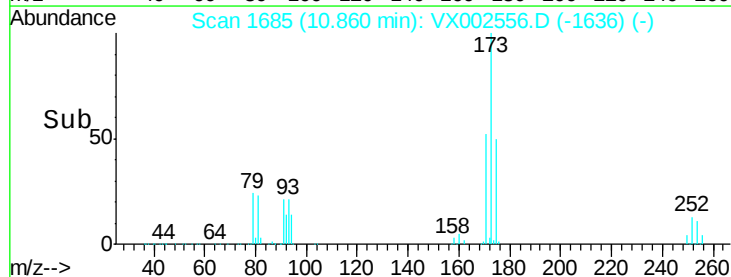
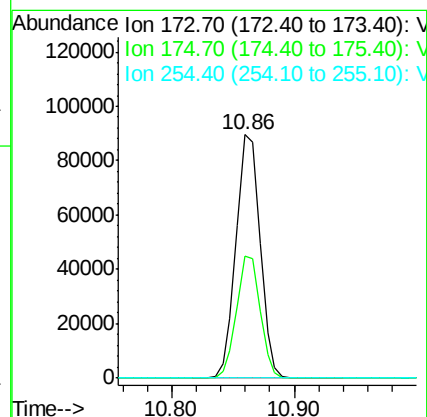
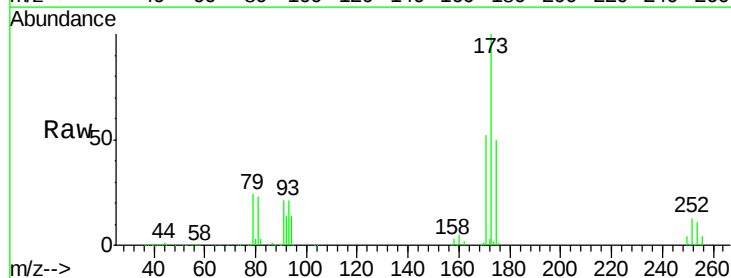
Manual Integrations
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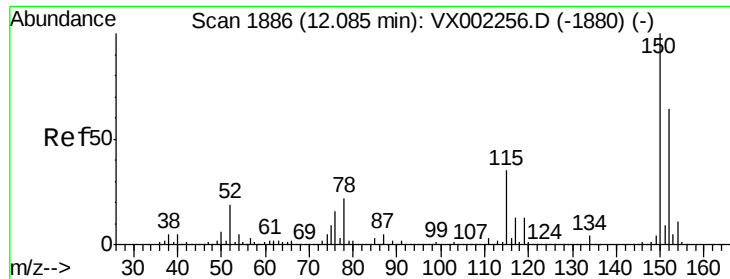
MMDadoda
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#71
Bromoform
Concen: 43.958 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

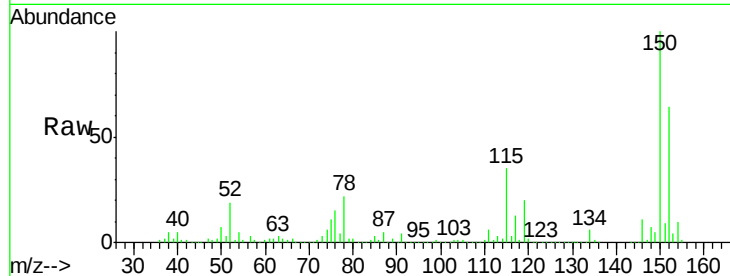
ClientSampleId :

SS050MW109-180606MSD

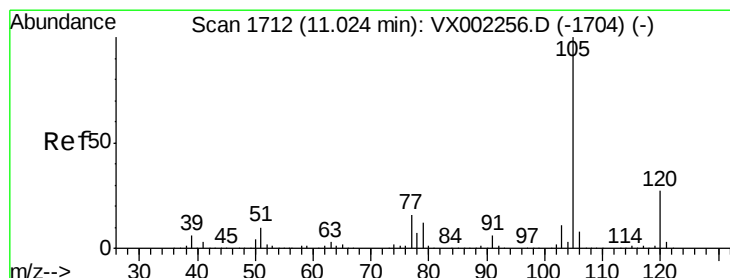
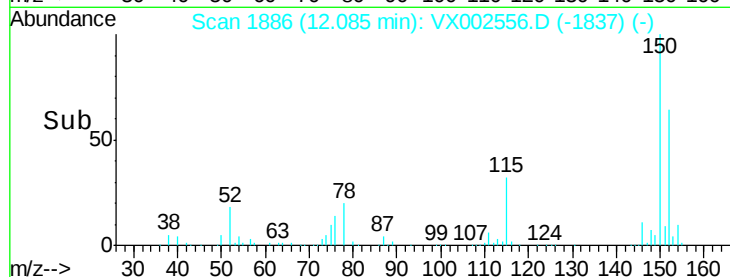
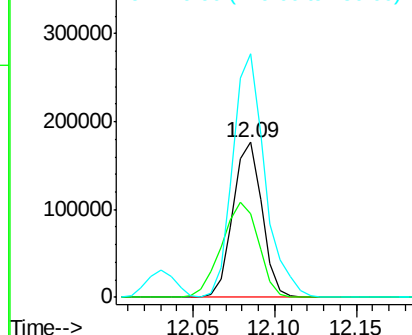
Tot Ion:	152	Resp:	218073
Ion Ratio	Lower	Upper	
152	100		
115	78.4	40.1	120.2
150	174.3	0.0	347.2

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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: 47.966 ug/l

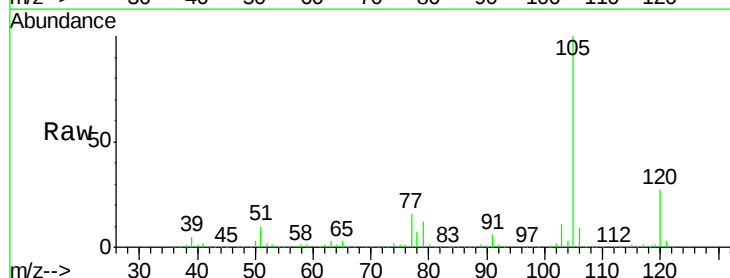
RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

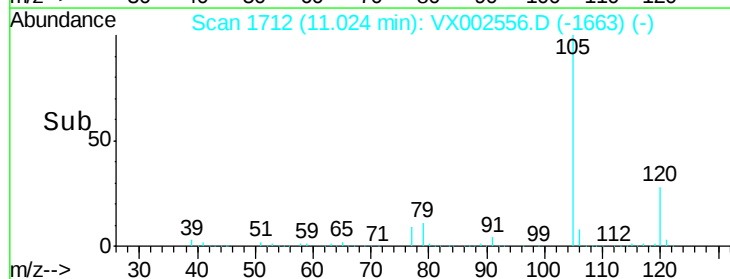
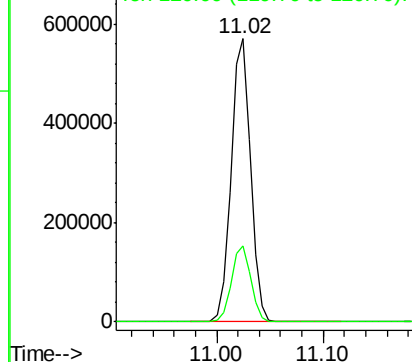
Lab File: VX002556.D

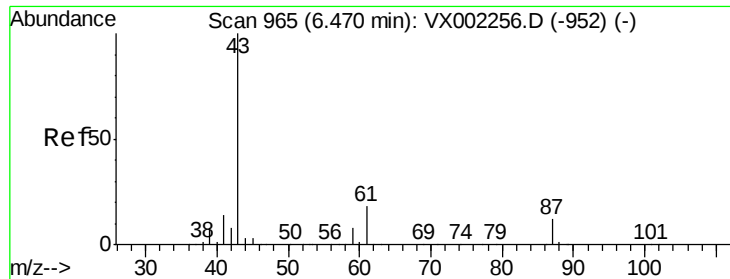
Acq: 14 Jun 2018 17:12

Tgt Ion:	105	Resp:	727649
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.5	40.4



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





#74

N-amvl acetate

Concen: 44.462 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 43 Resp: 363440

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

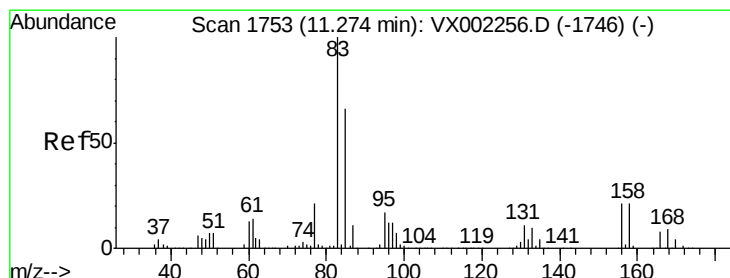
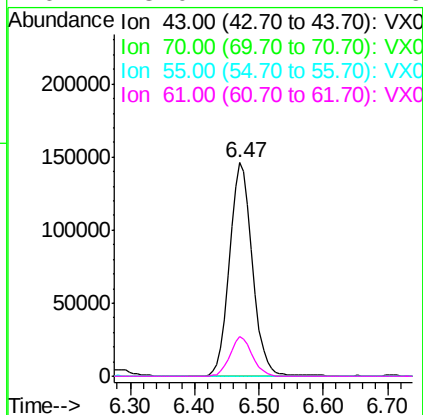
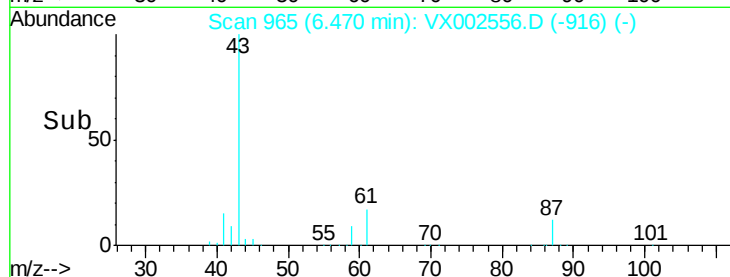
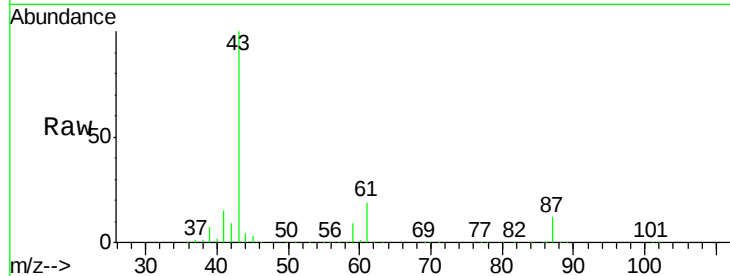
55 0.0 0.0 0.0#

61 18.0 14.4 21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.658 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

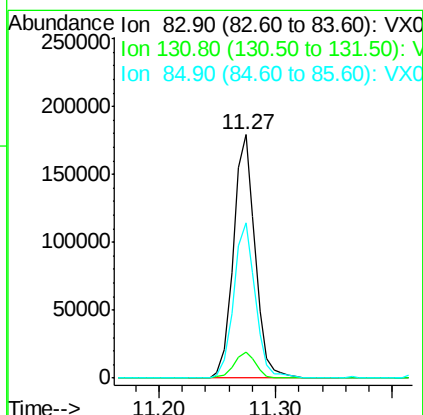
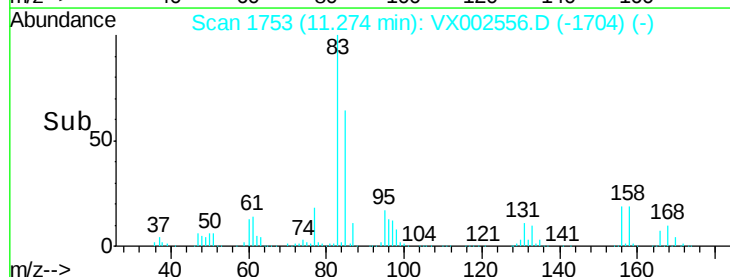
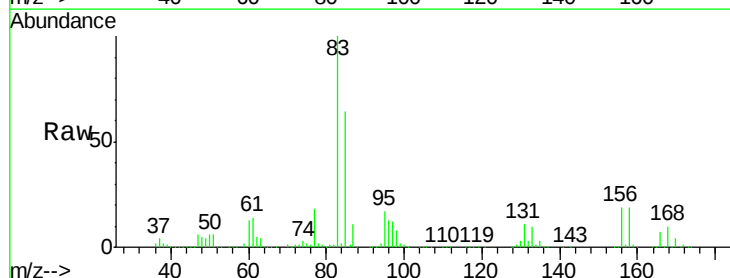
Tgt Ion: 83 Resp: 232161

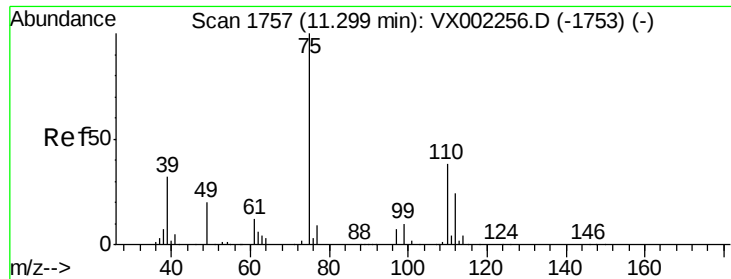
Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

85 64.0 32.4 97.2





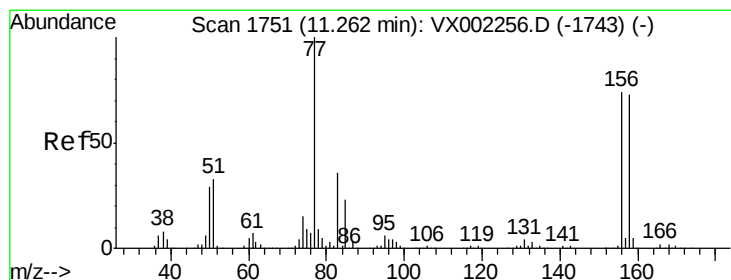
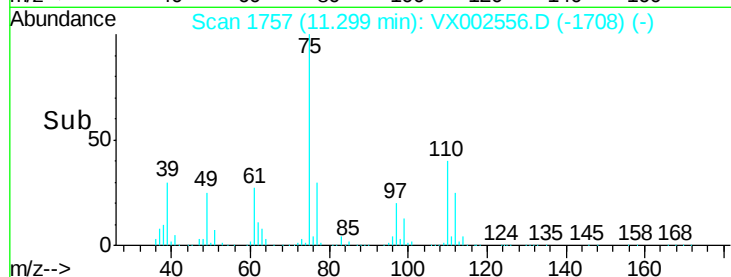
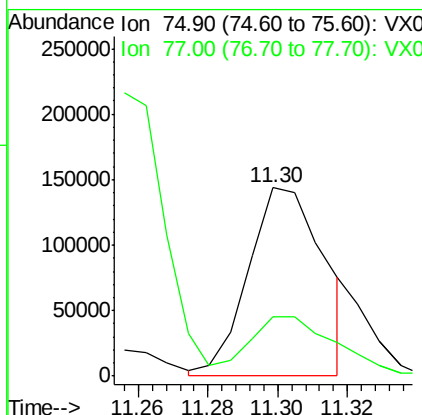
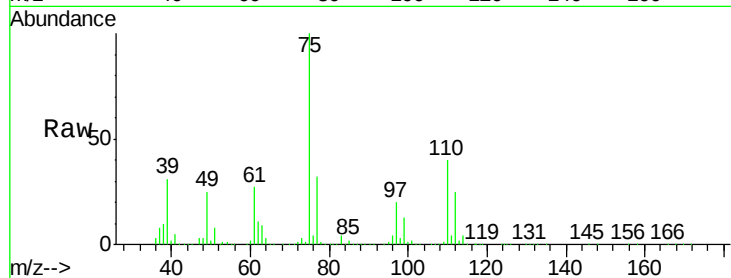
#76
 1,2,3-Trichloropropane
 Concen: 45.494 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion: 75 Resp: 217692
 Ion Ratio Lower Upper
 75 100
 77 36.7 22.8 68.3

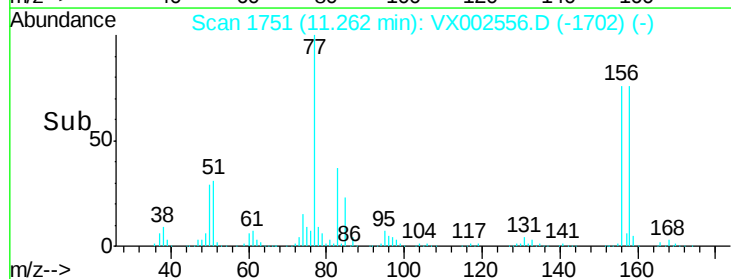
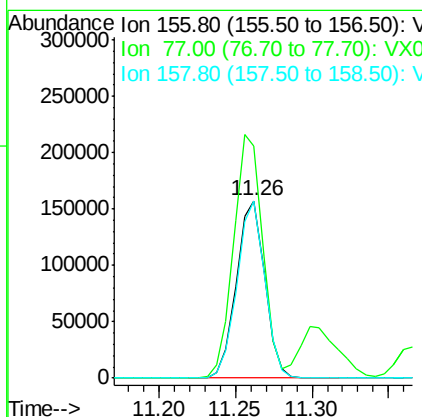
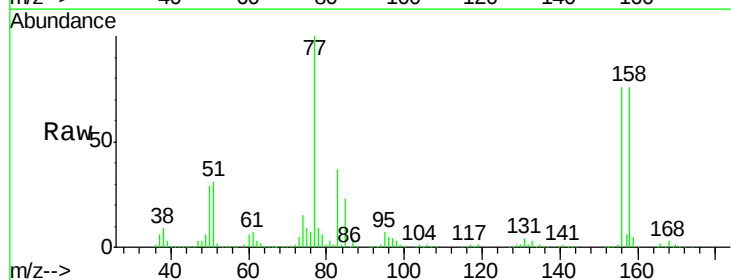
Manual Integrations
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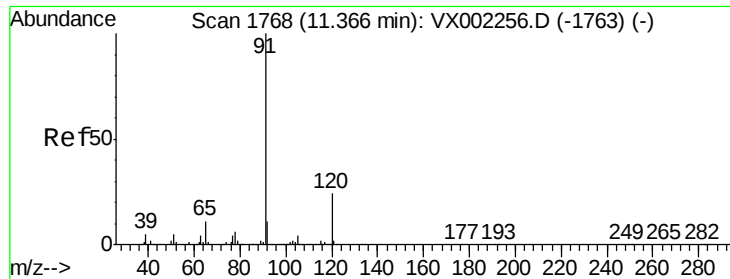
MMDadoda
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#77
 Bromobenzene
 Concen: 47.440 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 156 Resp: 202040
 Ion Ratio Lower Upper
 156 100
 77 140.4 71.4 214.2
 158 97.8 48.9 146.6





#78

n-propylbenzene

Concen: 48.850 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 91 Resp: 823677

Ion Ratio Lower Upper

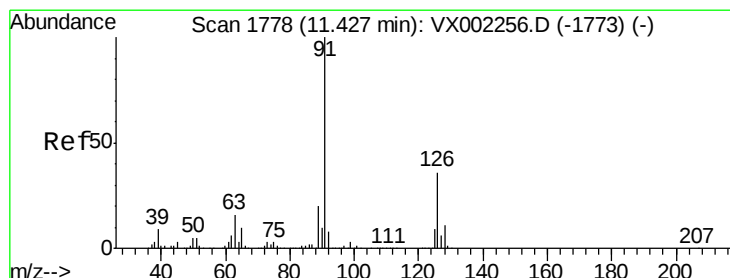
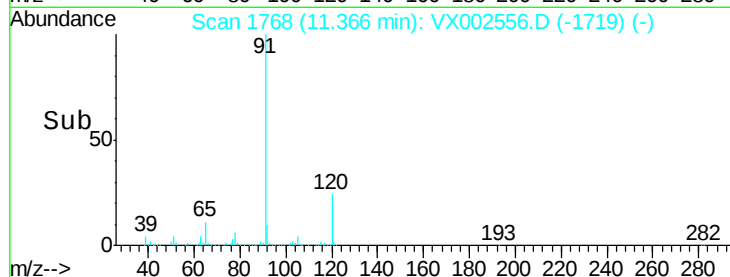
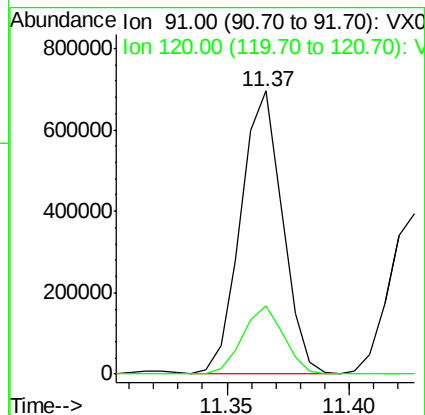
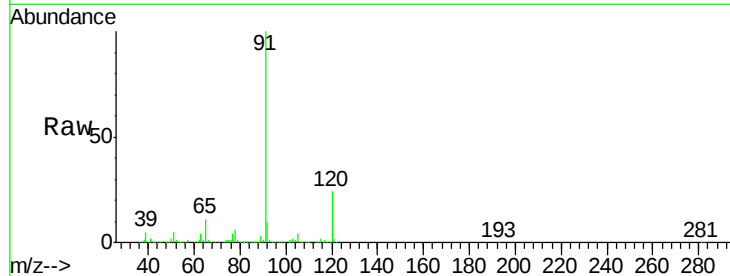
91 100

120 23.9 11.8 35.4

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#79

2-Chlorotoluene

Concen: 45.734 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002556.D

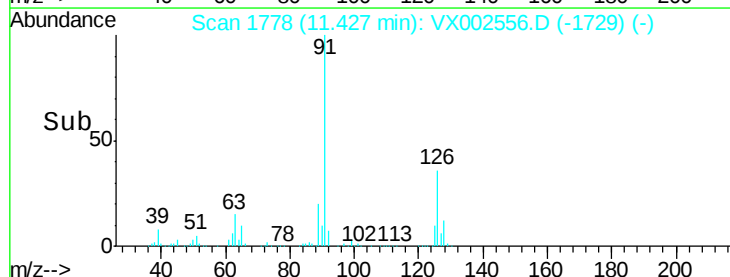
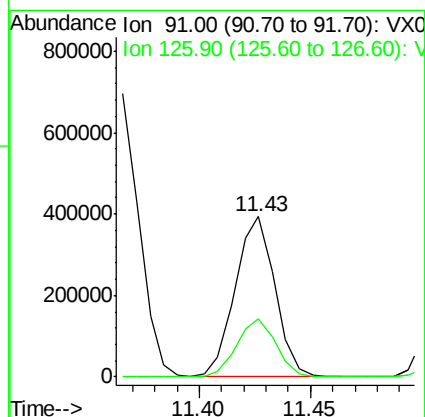
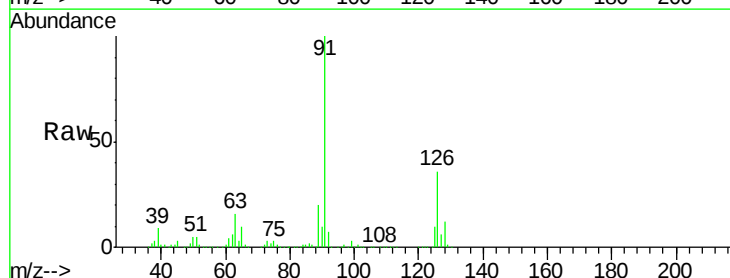
Acq: 14 Jun 2018 17:12

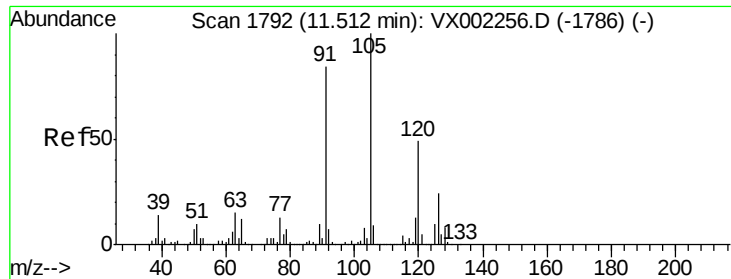
Tgt Ion: 91 Resp: 486924

Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1





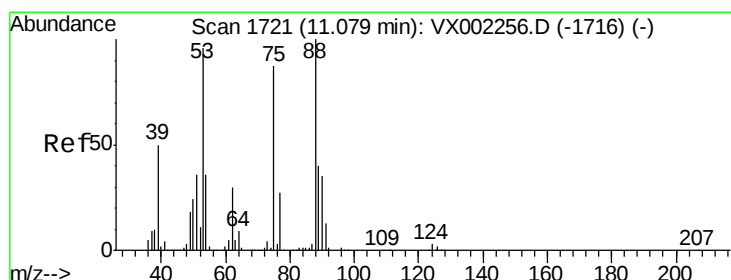
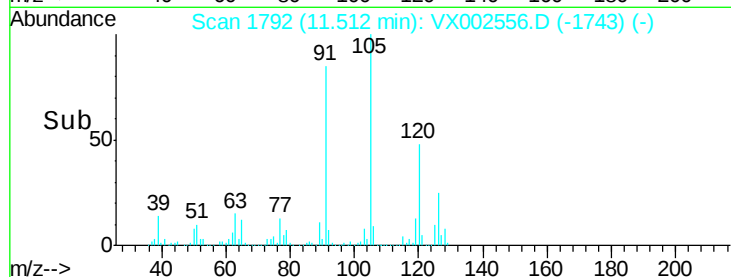
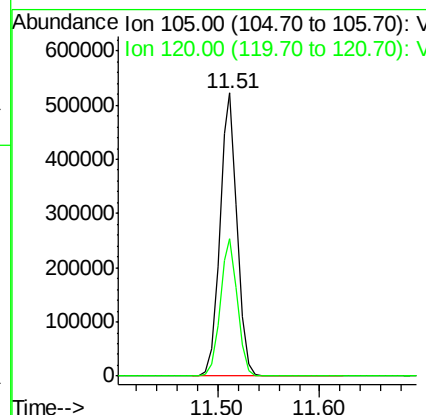
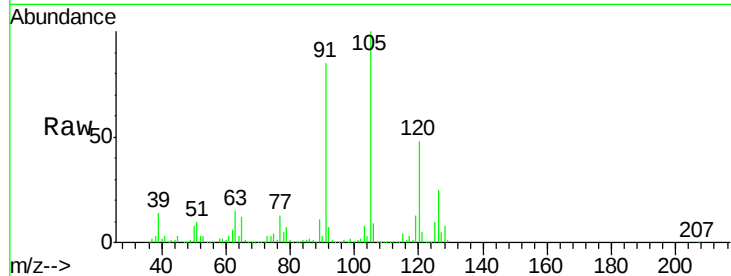
#80
 1,3,5-Trimethylbenzene
 Concen: 47.398 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion:105 Resp: 616738
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4

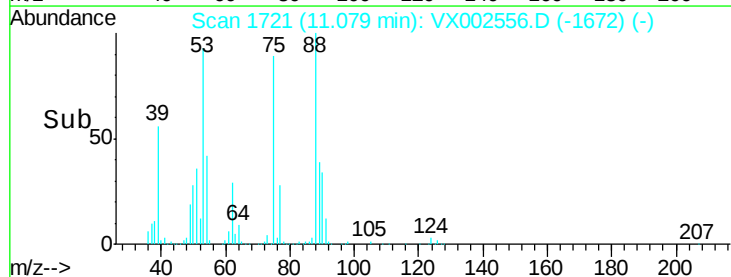
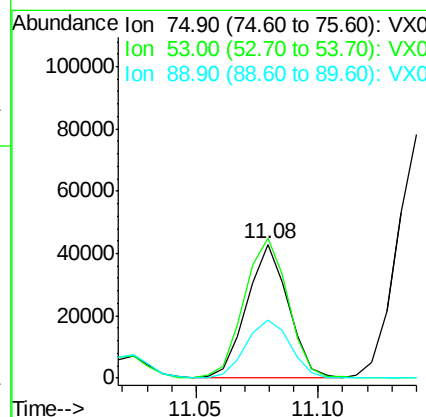
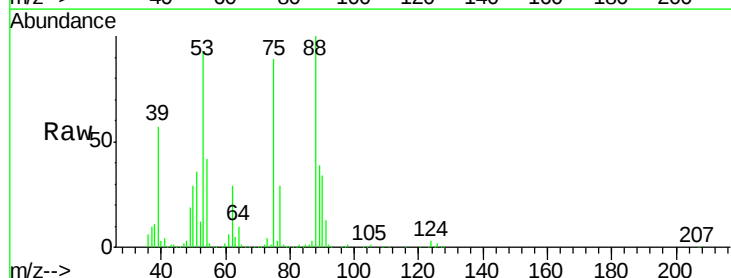
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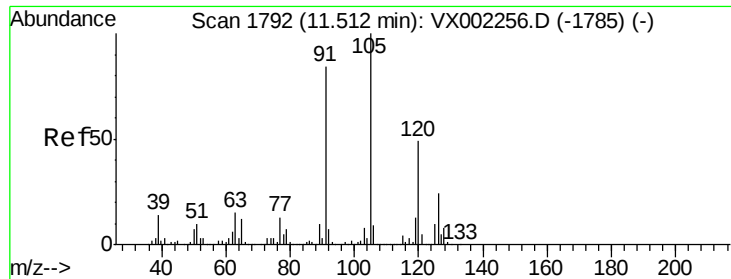
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.967 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion: 75 Resp: 50463
 Ion Ratio Lower Upper
 75 100
 53 110.6 86.8 130.2
 89 47.0 38.2 57.2





#82

4-Chlorotoluene

Concen: 47.060 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180606MSD

Tot Ion: 91 Resp: 578325

Ion Ratio Lower Upper

91 100

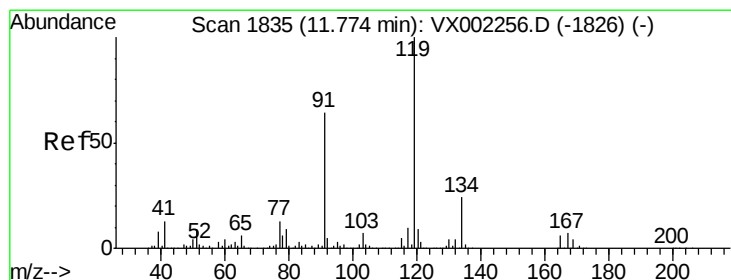
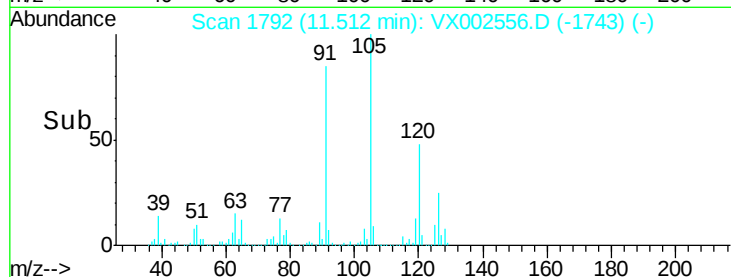
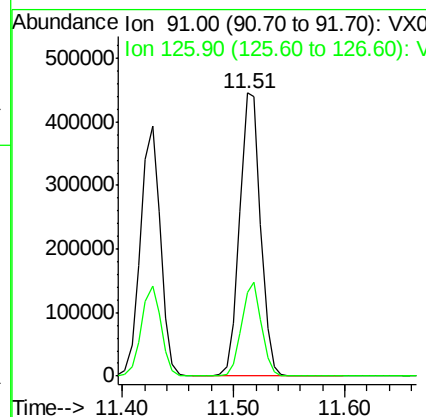
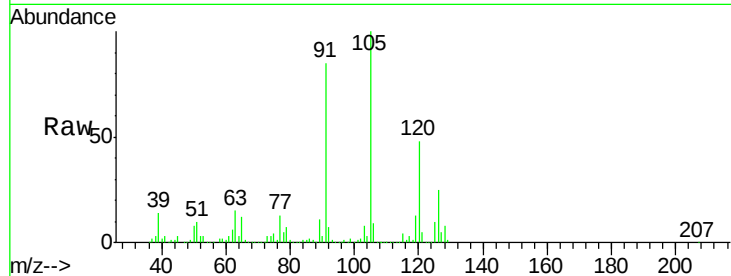
126 31.3 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 49.877 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

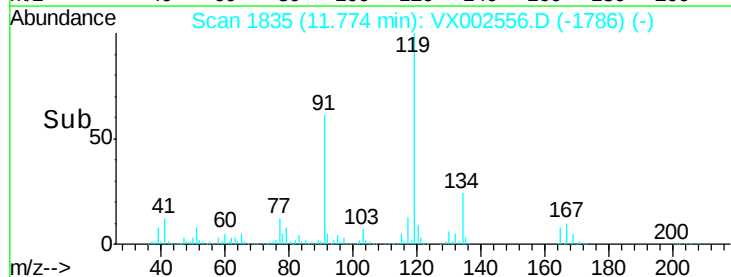
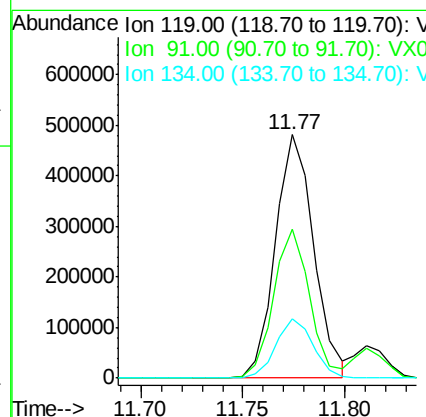
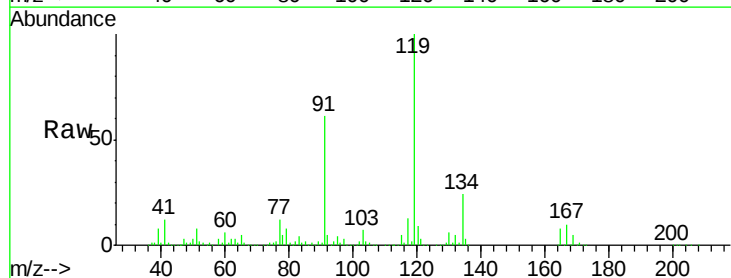
Tgt Ion: 119 Resp: 631983

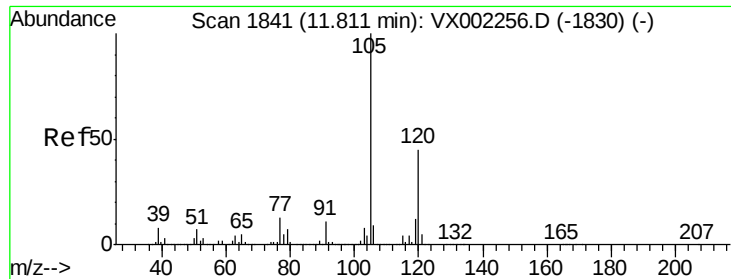
Ion Ratio Lower Upper

119 100

91 57.7 30.3 90.9

134 23.7 11.7 35.1





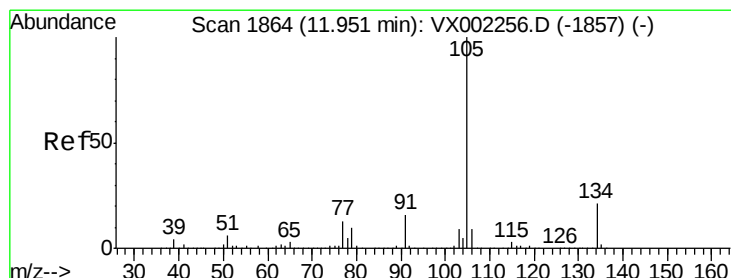
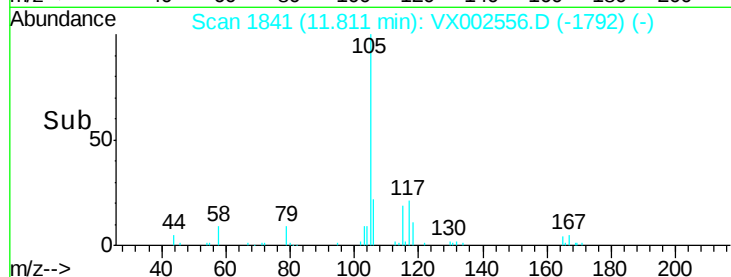
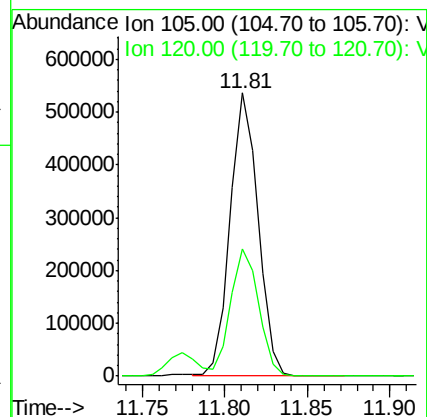
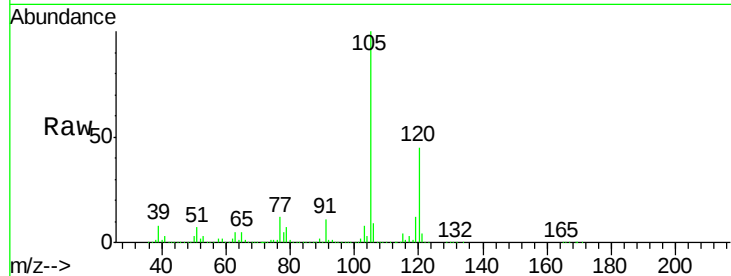
#84
 1,2,4-Trimethylbenzene
 Concen: 47.276 ug/l m
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion:105 Resp: 633222
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8

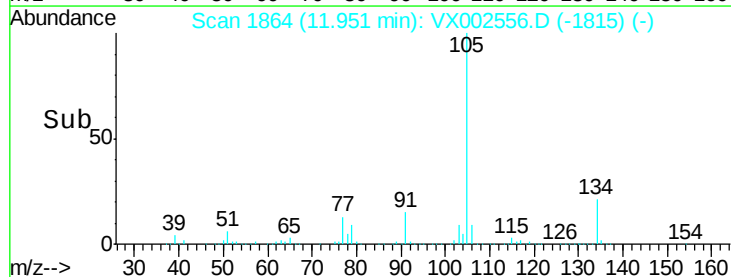
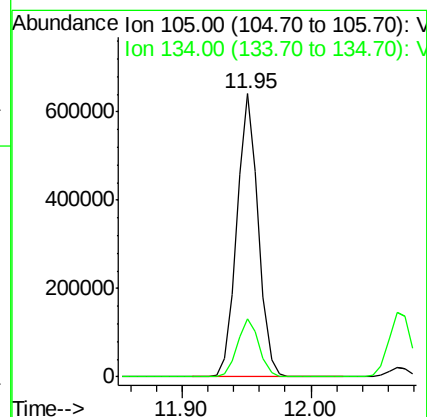
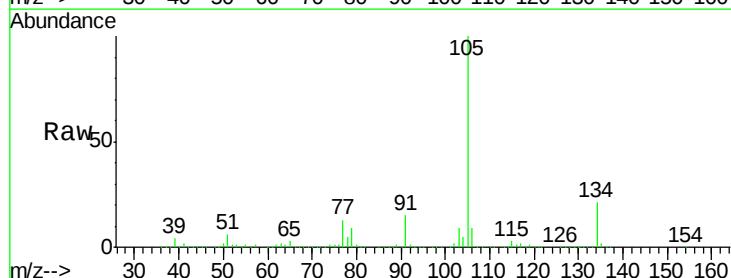
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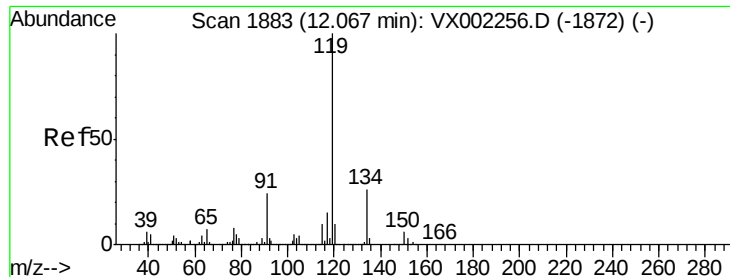
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 49.933 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion:105 Resp: 741716
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1





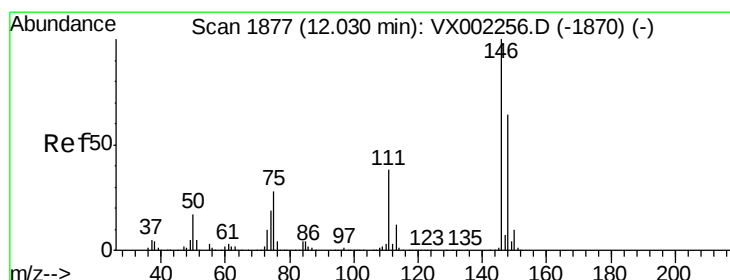
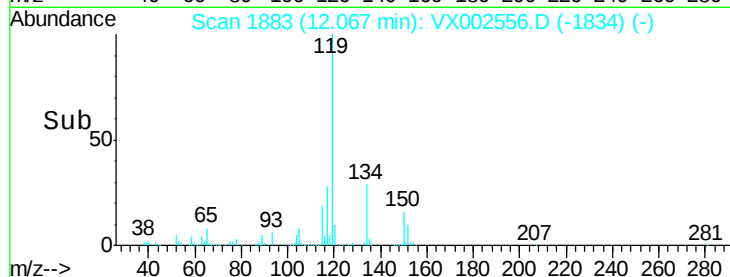
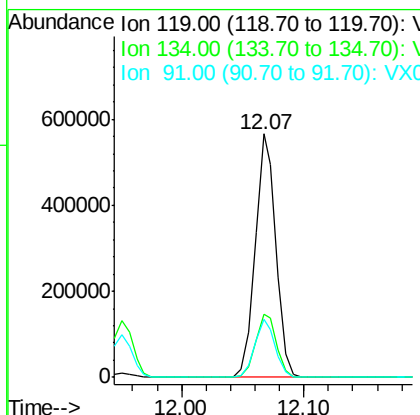
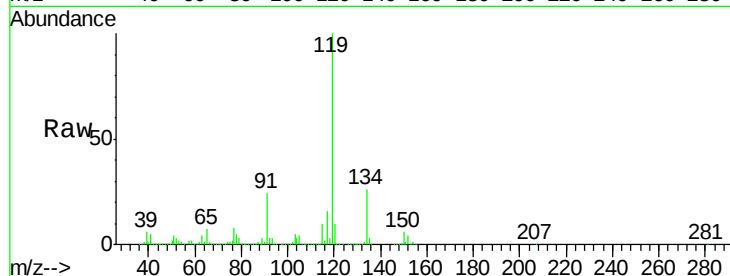
#86
 p-Isopropyltoluene
 Concen: 49.320 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	667315		
134	26.7		13.4	40.1
91	23.6		11.9	35.7

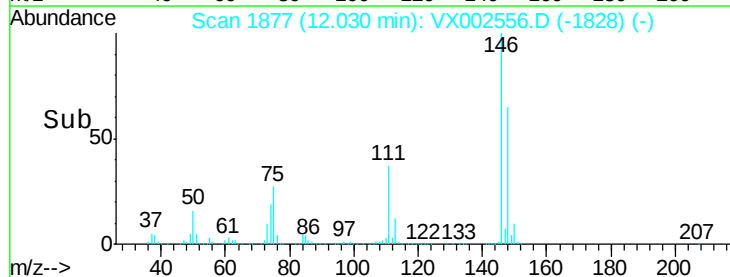
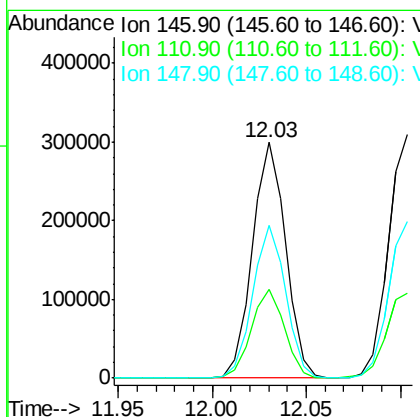
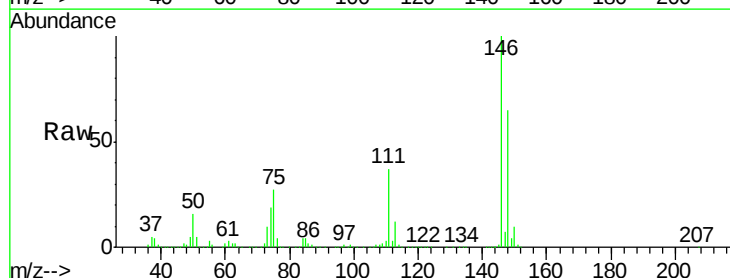
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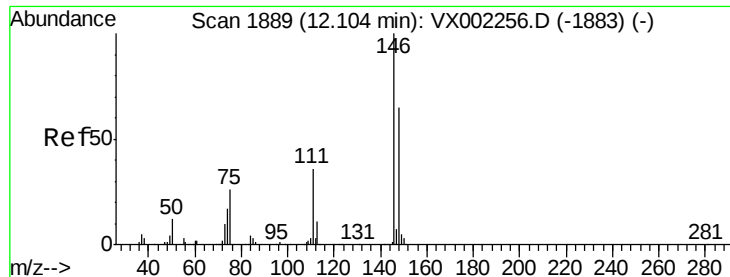
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 48.172 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	366827		
111	37.6		18.9	56.7
148	64.0		32.1	96.3





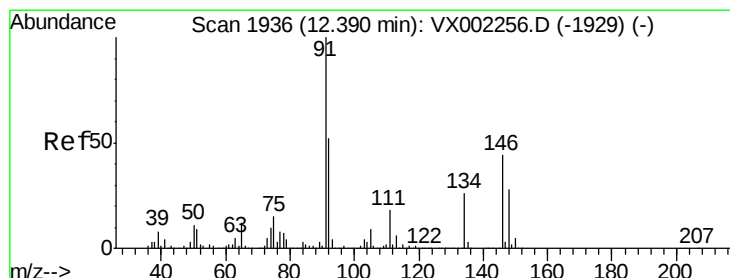
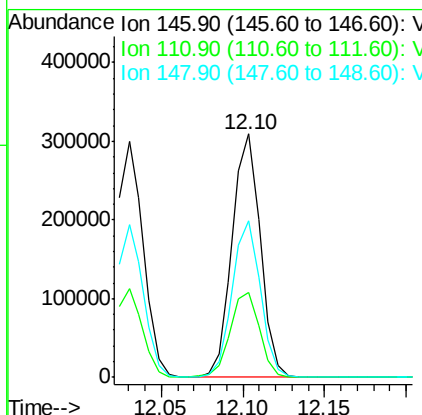
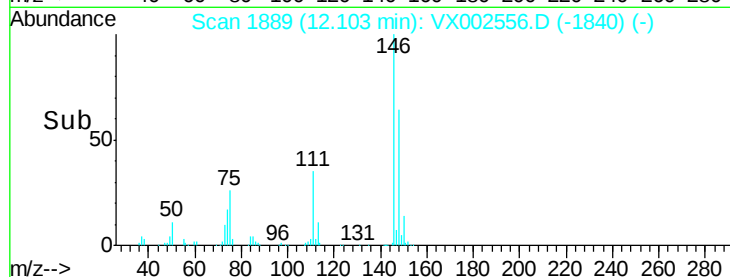
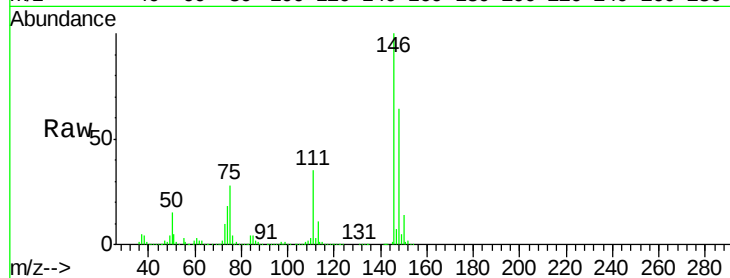
#88
 1,4-Dichlorobenzene
 Concen: 47.513 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	64.0	32.4	97.0

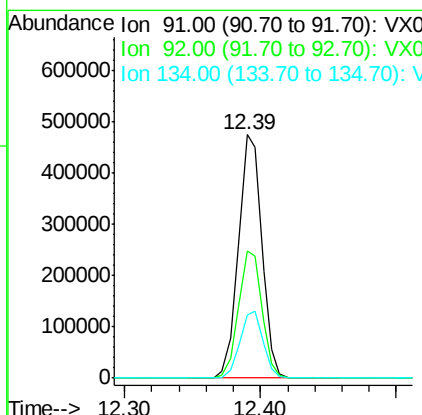
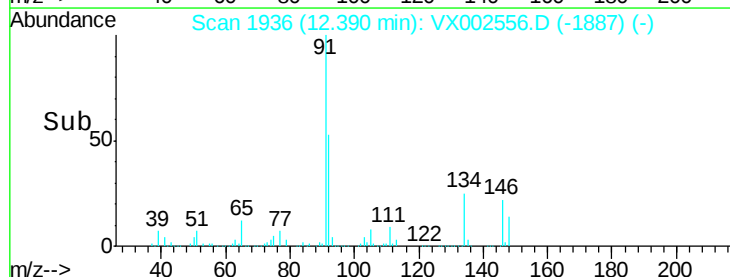
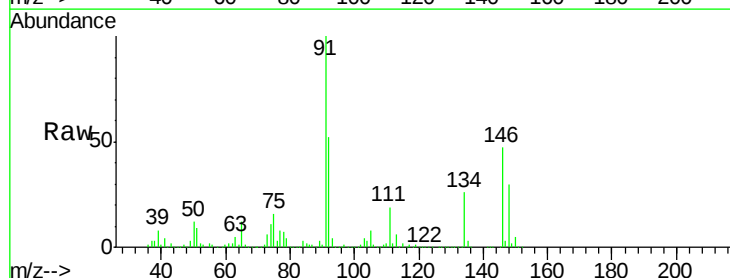
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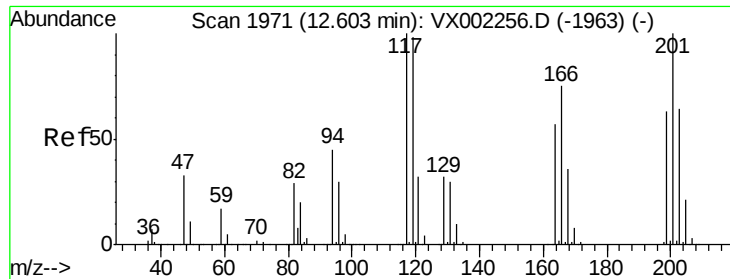
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#89
 n-Butylbenzene
 Concen: 49.871 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	27.2	13.5	40.5





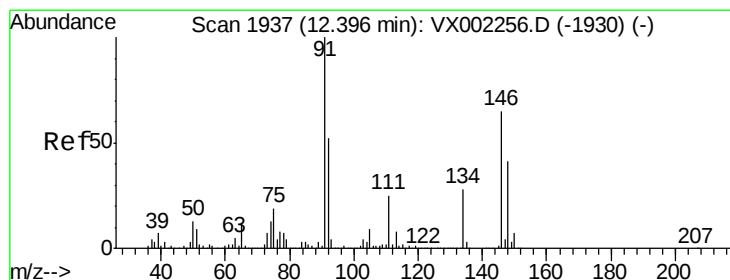
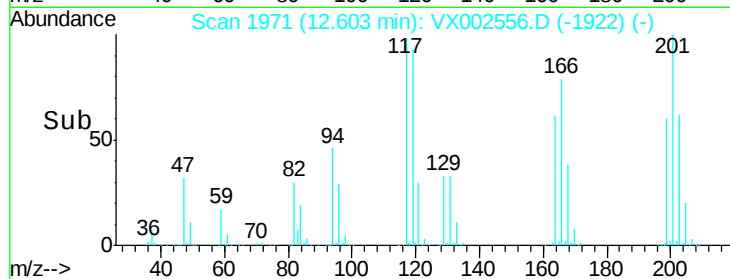
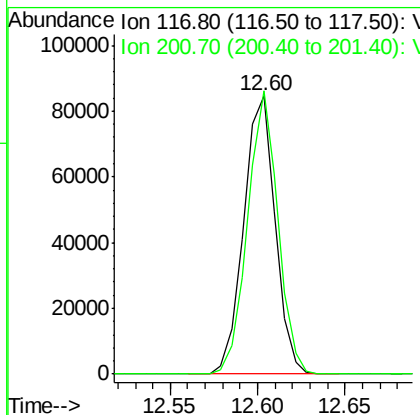
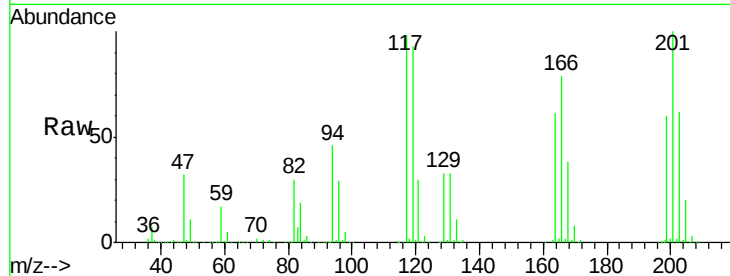
#90
Hexachloroethane
Concen: 48.954 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180606MSD

Tot Ion:117 Resp: 105733
Ion Ratio Lower Upper
117 100
201 97.6 49.0 147.0

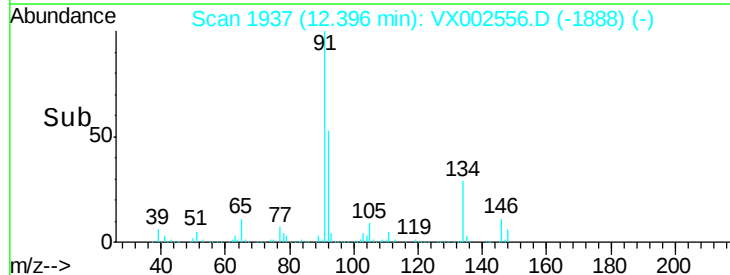
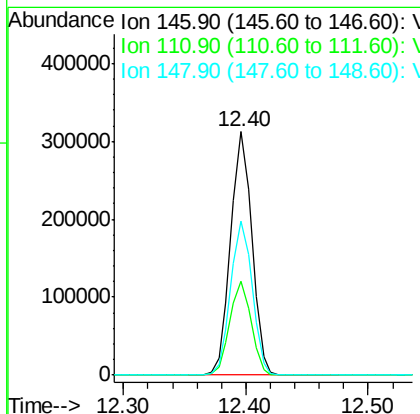
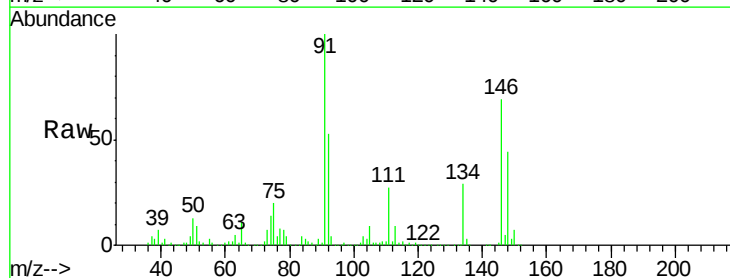
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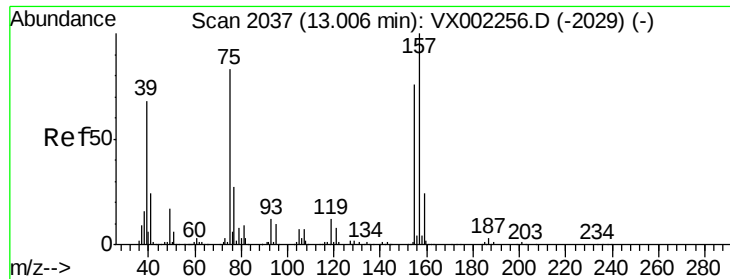
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#91
1,2-Dichlorobenzene
Concen: 47.535 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002556.D
Acq: 14 Jun 2018 17:12

Tgt Ion:146 Resp: 374521
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.1
148 64.1 31.7 95.1





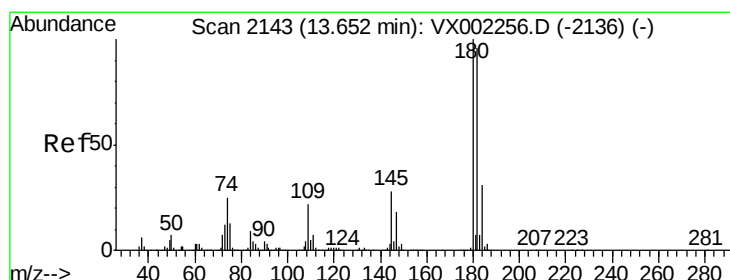
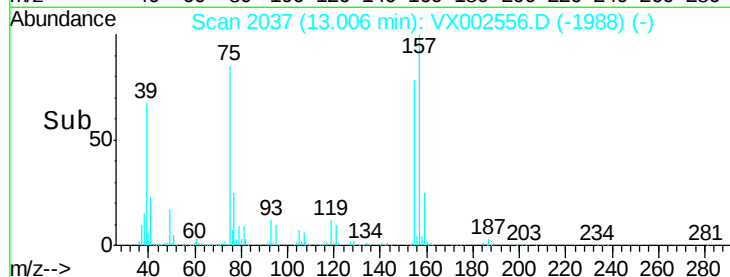
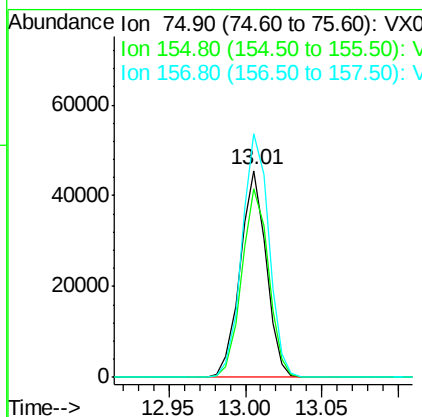
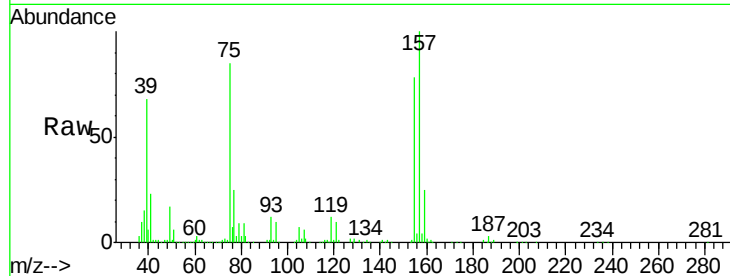
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.411 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.1	45.8	137.4
157	121.9	60.1	180.3

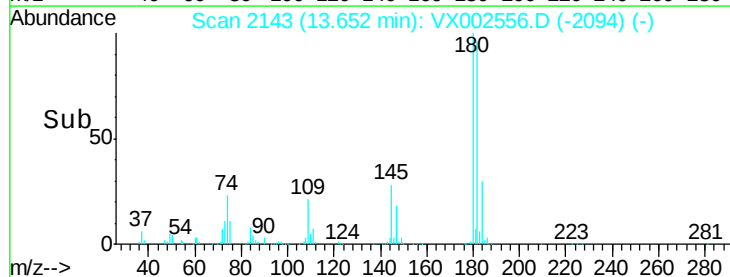
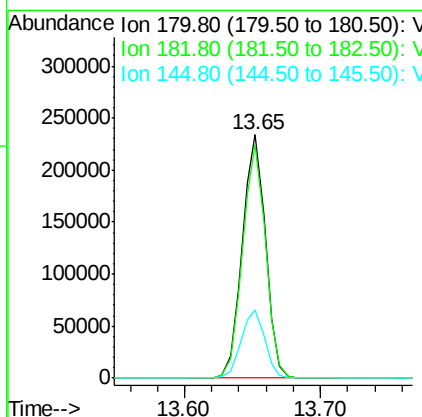
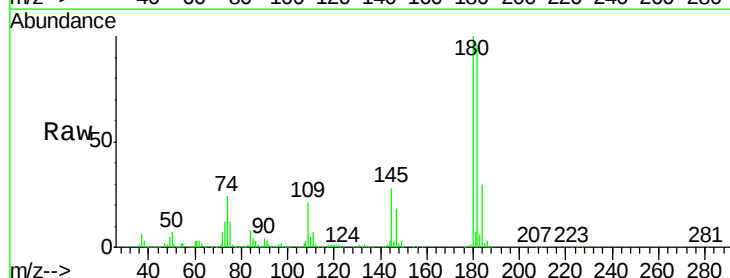
Manual Integrations
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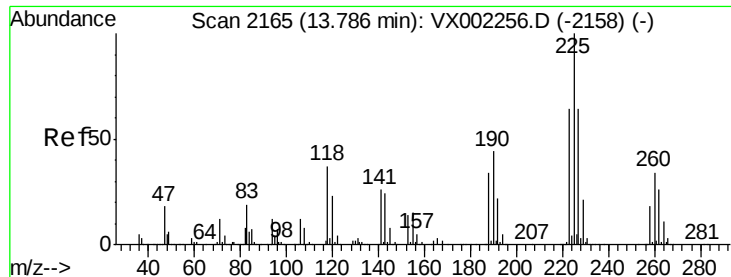
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.159 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	28.4	14.1	42.4





#94

Hexachlorobutadiene

Concen: 49.317 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002556.D

Acq: 14 Jun 2018 17:12

Instrument :

MSVOA_X

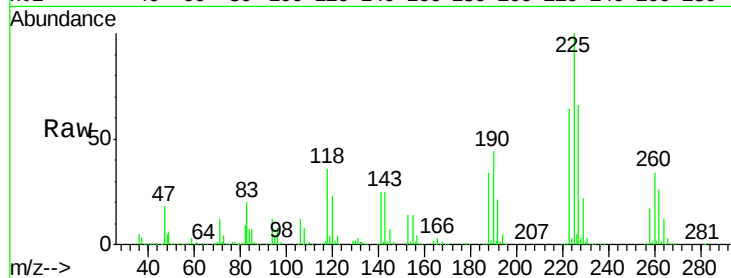
ClientSampleId :

SS050MW109-180606MSD

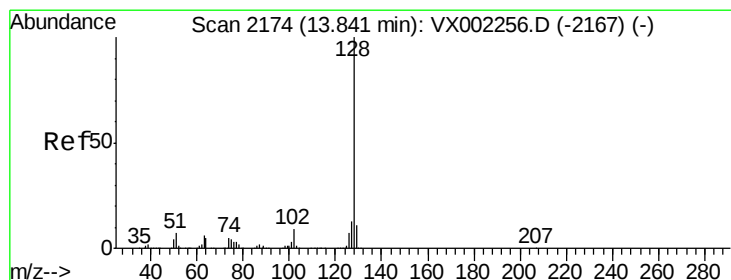
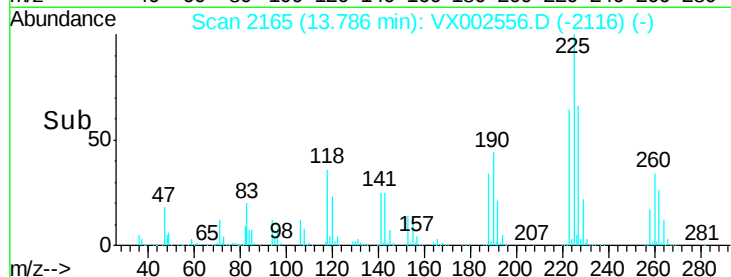
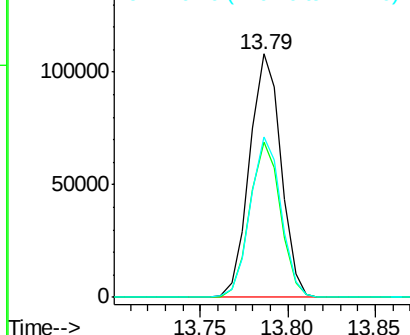
Tot Ion:	225	Resp:	134633
Ion Ratio		Lower	Upper
225	100		
223	62.6	31.6	95.0
227	64.6	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:54 PM



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: 51.519 ug/l

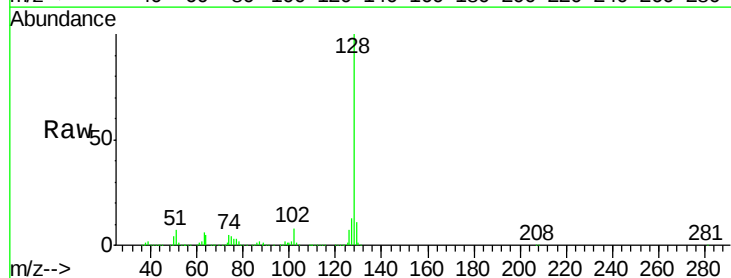
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

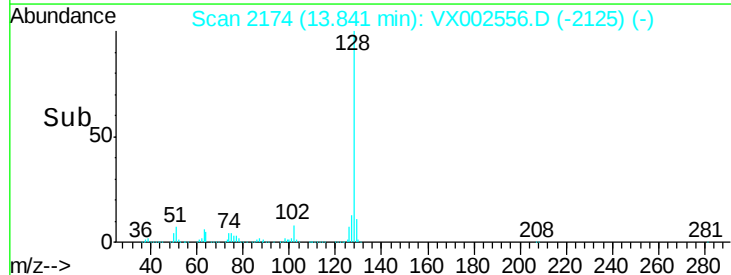
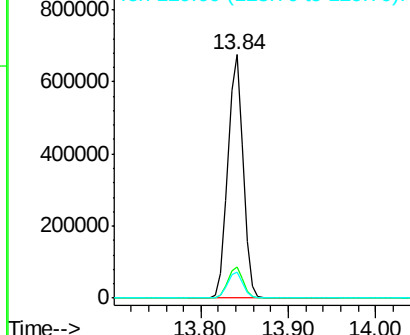
Lab File: VX002556.D

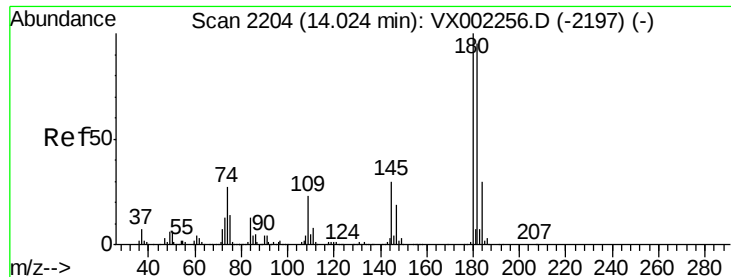
Acq: 14 Jun 2018 17:12

Tgt Ion:	128	Resp:	817766
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0



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





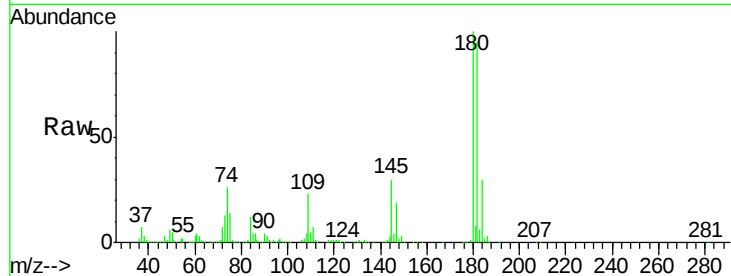
#96
 1,2,3-Trichlorobenzene
 Concen: 50.798 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002556.D
 Acq: 14 Jun 2018 17:12

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286207		
182	95.6	48.0	144.0	
145	29.1	14.8	44.3	

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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

