

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002553.D
 Acq On : 14 Jun 2018 15:53
 Operator : JC/MD
 Sample : J3404-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:51 PM

Quant Time: Jun 15 02:04:52 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	239858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160373	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	127630	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.72	98	462183	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
62) 4-Bromofluorobenzene	11.14	95	181746	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104412	41.875	ug/l	99
3) Chloromethane	1.32	50	126251	43.837	ug/l	99
4) Vinyl Chloride	1.40	62	147689	46.998	ug/l	93
5) Bromomethane	1.64	94	79691	44.441	ug/l	97
6) Chloroethane	1.72	64	106245	52.266	ug/l	99
7) Trichlorofluoromethane	1.92	101	242032	50.550	ug/l	99
8) Diethyl Ether	2.19	74	93378	55.126	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134585	52.088	ug/l	99
10) Methyl Iodide	2.51	142	166157	45.720	ug/l	99
11) Tert butyl alcohol	3.08	59	212825	307.290	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122769	48.080	ug/l	95
13) Acrolein	2.29	56	56475	162.408	ug/l	98
14) Allyl chloride	2.73	41	253600	45.764	ug/l #	95
15) Acrylonitrile	3.15	53	423666	291.843	ug/l	100
16) Acetone	2.45	43	475287	328.190	ug/l	100
17) Carbon Disulfide	2.57	76	281126	41.772	ug/l	99
18) Methyl Acetate	2.78	43	234845	69.391	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	497815	56.286	ug/l	99
20) Methylene Chloride	2.86	84	142262	52.599	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	132895	47.195	ug/l	95
22) Diisopropyl ether	3.88	45	472506	51.072	ug/l	98
23) Vinyl Acetate	3.83	43	2083032	231.881	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247629	45.213	ug/l	99
25) 2-Butanone	4.71	43	868402	369.250	ug/l	98
26) 2,2-Dichloropropane	4.59	77	181932	42.496	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	176797	57.733	ug/l	92
28) Bromochloromethane	5.03	49	122742	52.901	ug/l	97
29) Tetrahydrofuran	5.17	42	384836	253.800	ug/l	98
30) Chloroform	5.22	83	253444	47.956	ug/l	100
31) Cyclohexane	5.57	56	194322	44.869	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	218957	48.852	ug/l	100
36) 1,1-Dichloropropene	5.80	75	176483	47.300	ug/l	99
37) Ethyl Acetate	4.87	43	230607	51.393	ug/l	100
38) Carbon Tetrachloride	5.79	117	187948	48.151	ug/l	97

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 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	187205	40.661	ug/l	95
40) Benzene	6.15	78	532759	46.568	ug/l	99
41) Methacrylonitrile	5.07	41	129430	50.388	ug/l	99
42) 1,2-Dichloroethane	6.20	62	215064	47.315	ug/l	100
43) Isopropyl Acetate	6.47	43	379998	49.859	ug/l	100
44) Trichloroethene	7.21	130	165396	52.091	ug/l	99
45) 1,2-Dichloropropane	7.52	63	147091	47.625	ug/l	98
46) Dibromomethane	7.67	93	99417	47.484	ug/l	99
47) Bromodichloromethane	7.90	83	181475	47.925	ug/l	96
48) Methyl methacrylate	7.78	41	197055	51.473	ug/l	99
49) 1,4-Dioxane	7.76	88	76104	1063.196	ug/l #	84
51) 4-Methyl-2-Pentanone	8.65	43	1285648	270.879	ug/l	100
52) Toluene	8.79	92	339954	46.721	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	215599	47.478	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	204166	47.655	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147265	49.209	ug/l	99
56) Ethyl methacrylate	9.18	69	238180	49.851	ug/l	99
57) 1,3-Dichloropropane	9.38	76	243337	48.468	ug/l	100
59) 2-Hexanone	9.50	43	985519	268.827	ug/l	98
60) Dibromochloromethane	9.59	129	151565	50.352	ug/l	99
61) 1,2-Dibromoethane	9.68	107	155190	49.735	ug/l	99
64) Tetrachloroethene	9.34	164	139984	40.836	ug/l	98
65) Chlorobenzene	10.14	112	403318	48.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	149482	49.915	ug/l	99
67) Ethyl Benzene	10.26	91	677090	48.919	ug/l	99
68) m/p-Xylenes	10.36	106	519562	96.567	ug/l	99
69) o-Xylene	10.70	106	257609	48.113	ug/l	99
70) Styrene	10.71	104	439096	50.165	ug/l	99
71) Bromoform	10.86	173	122473	45.965	ug/l	99
73) Isopropylbenzene	11.02	105	686674	46.884	ug/l	99
74) N-amyl acetate	6.47	43	379998	48.150	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	240985	52.314	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234776m	50.819	ug/l	
77) Bromobenzene	11.26	156	194830	47.383	ug/l	98
78) n-propylbenzene	11.37	91	779967	47.912	ug/l	100
79) 2-Chlorotoluene	11.43	91	465511	45.287	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576135	45.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62596	47.495	ug/l	98
82) 4-Chlorotoluene	11.51	91	556009	46.862	ug/l	100
83) tert-Butylbenzene	11.77	119	581751	47.555	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	592687	45.832	ug/l	100
85) sec-Butylbenzene	11.95	105	676391	47.164	ug/l	99
86) p-Isopropyltoluene	12.07	119	615765	47.138	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	351804	47.851	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357777	47.212	ug/l	99
89) n-Butylbenzene	12.39	91	537468	49.058	ug/l	100
90) Hexachloroethane	12.60	117	93012	44.605	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355944	46.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59046	58.615	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	258629	48.489	ug/l	100

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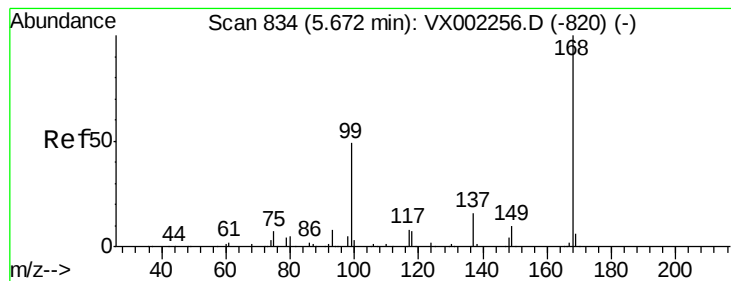
Manual Integrations
APPROVED

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6/15/2018 1:11:51 PM

Quant Time: Jun 15 02:04:52 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	125721	47.699	ug/l	99
95) Naphthalene	13.84	128	831269	54.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	261527	48.078	ug/l	100

(#) = 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: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion:168 Resp: 239858

Ion Ratio Lower Upper

168 100

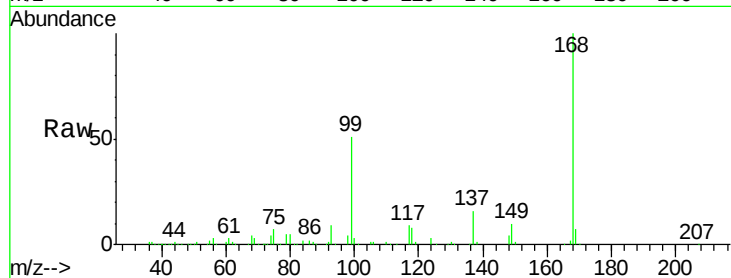
99 50.8 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

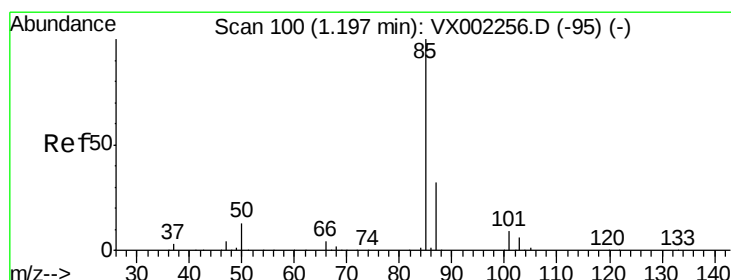
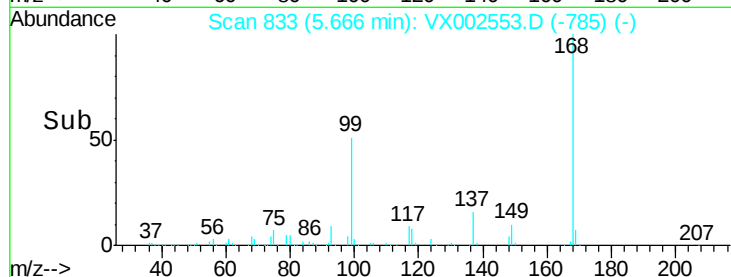
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.875 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002553.D

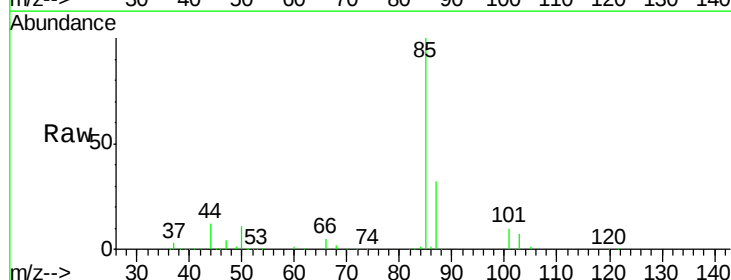
Acq: 14 Jun 2018 15:53

Tgt Ion: 85 Resp: 104412

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

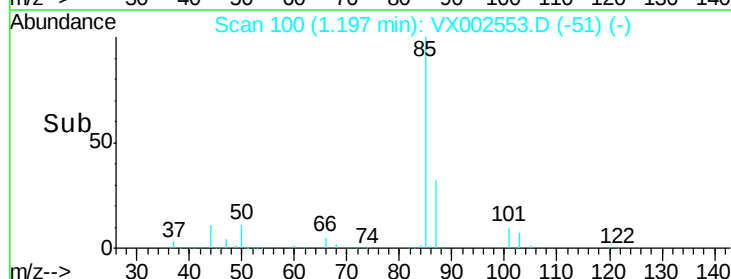
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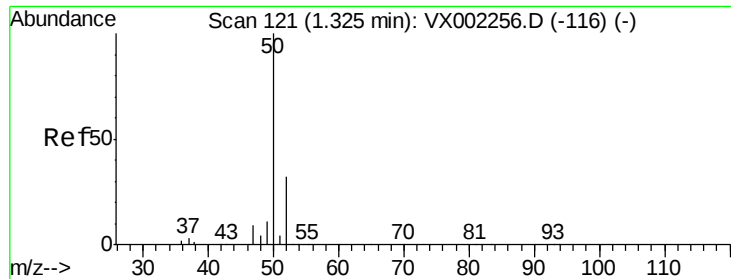
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.837 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 50 Resp: 126251

Ion Ratio Lower Upper

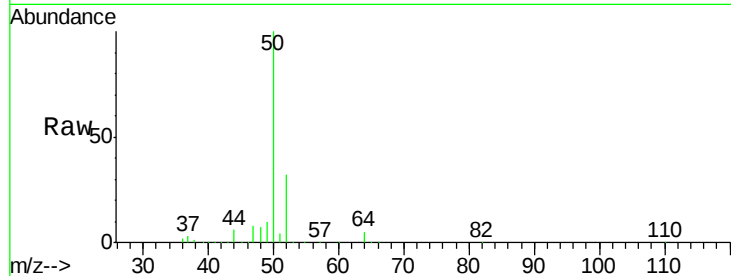
50 100

52 31.8 25.7 38.5

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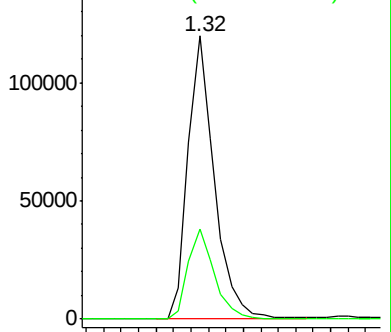
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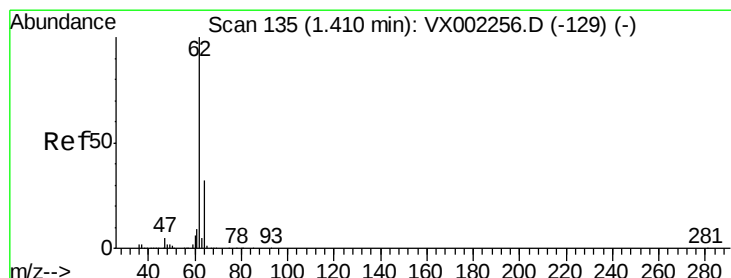
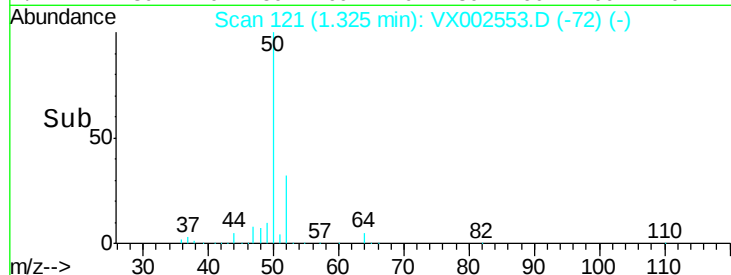


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.998 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002553.D

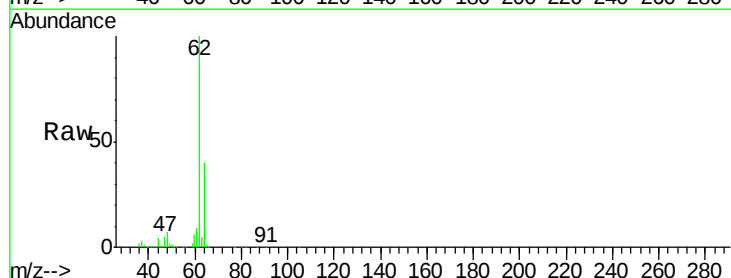
Acq: 14 Jun 2018 15:53

Tgt Ion: 62 Resp: 147689

Ion Ratio Lower Upper

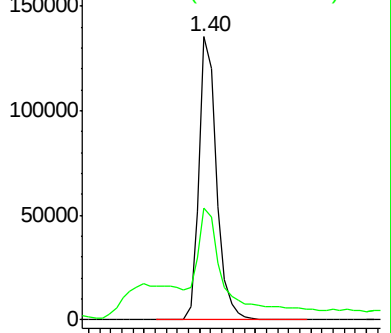
62 100

64 35.8 25.4 38.2

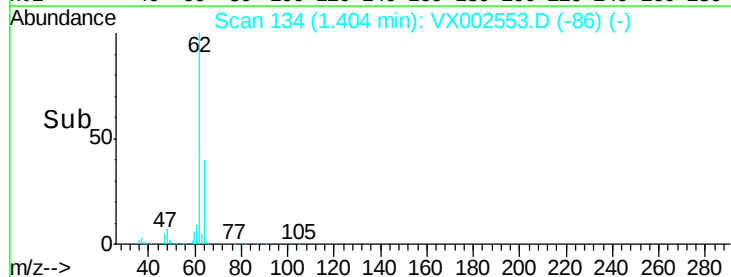


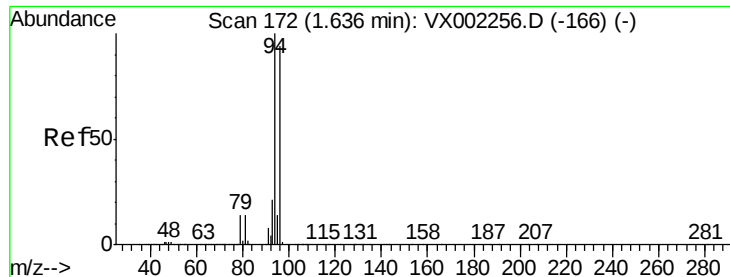
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 44.441 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 94 Resp: 79691

Ion Ratio Lower Upper

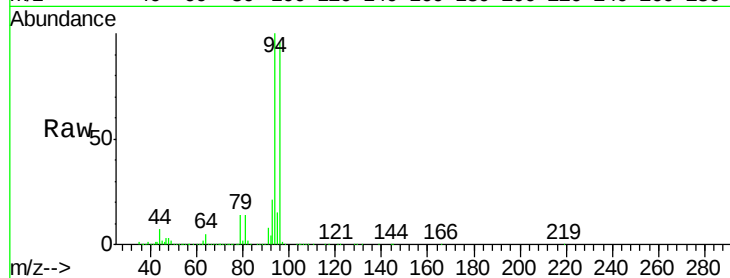
94 100

96 96.4 74.9 112.3

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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

80000

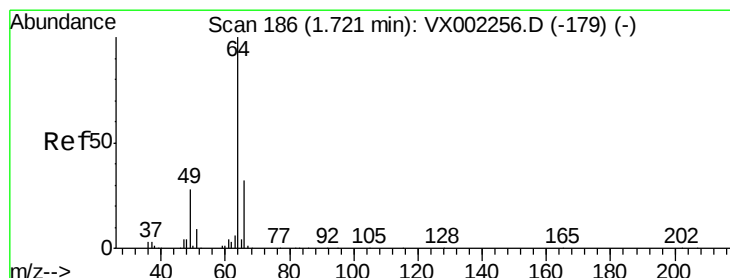
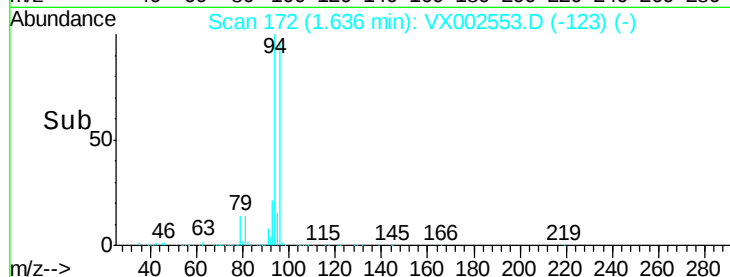
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 52.266 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002553.D

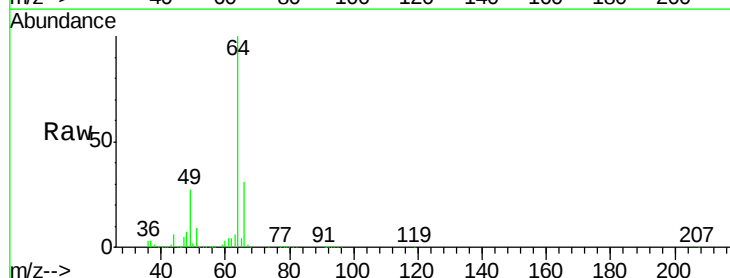
Acq: 14 Jun 2018 15:53

Tgt Ion: 64 Resp: 106245

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

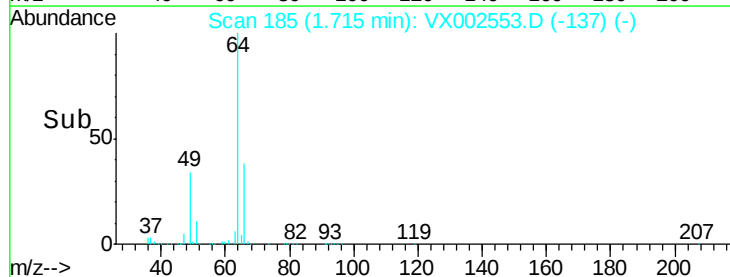
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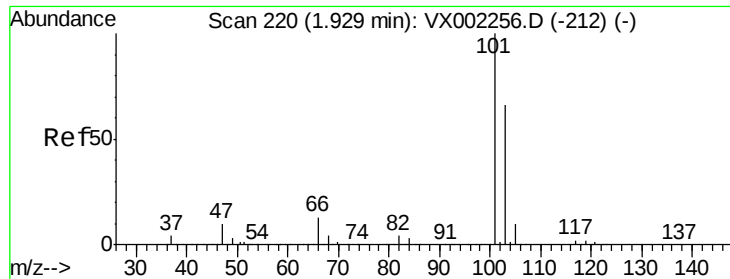
40000

20000

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Time--> 1.60 1.70 1.80 1.90





#7

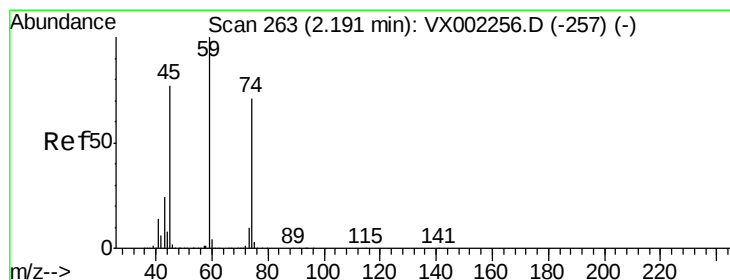
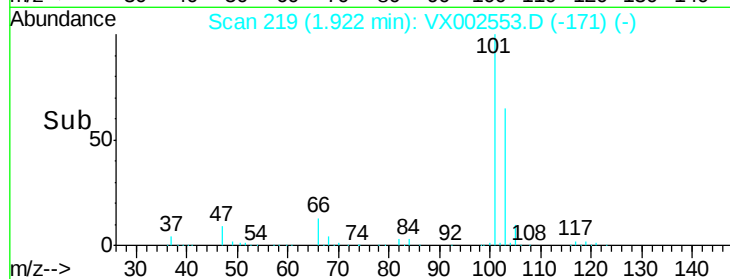
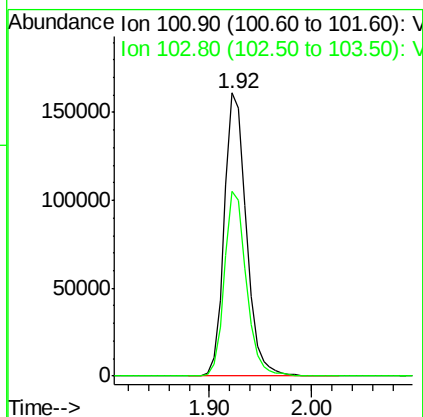
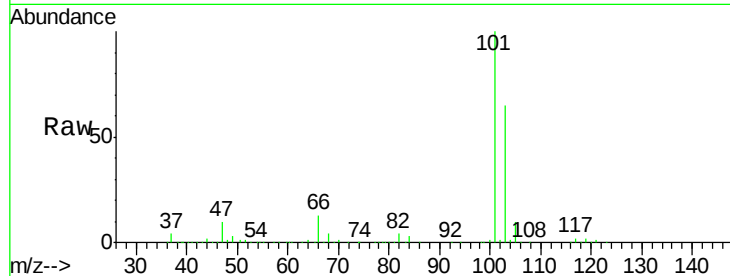
Trichlorofluoromethane
 Concen: 50.550 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
242032	101	100			
	103	65.2	52.8	79.2	

Manual Integrations
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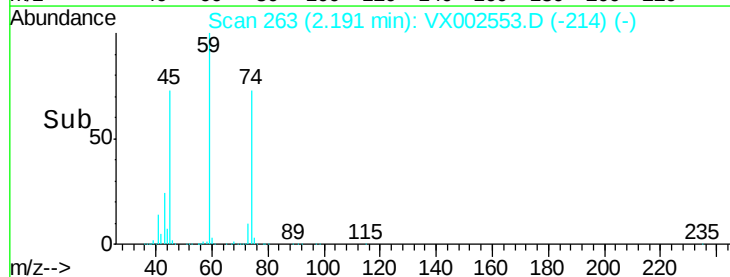
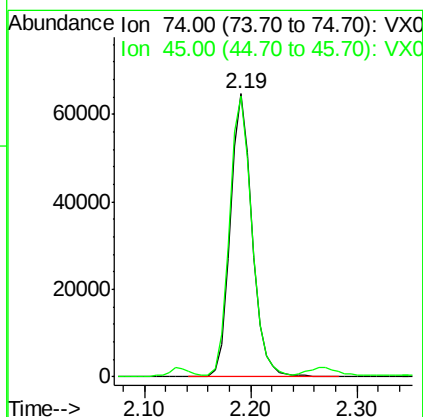
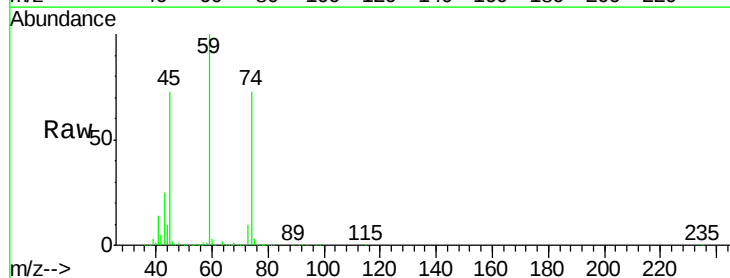
MMDadoda
 6/15/2018 1:11:51 PM

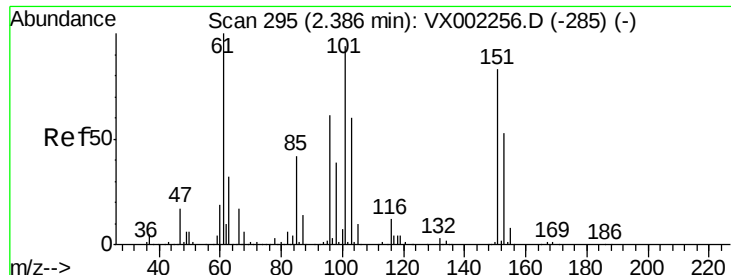


#8

Diethyl Ether
 Concen: 55.126 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93378	74	100			
	45	101.3	53.1	159.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.088 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

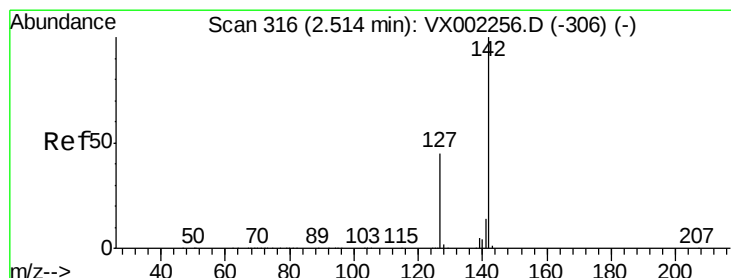
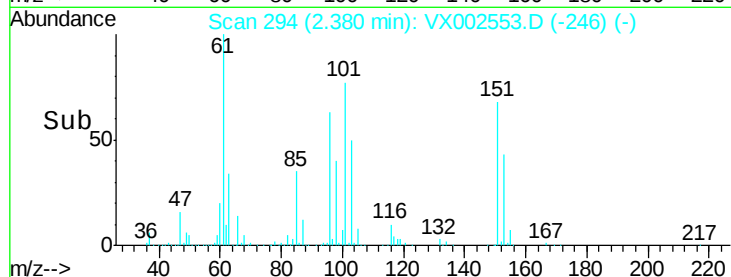
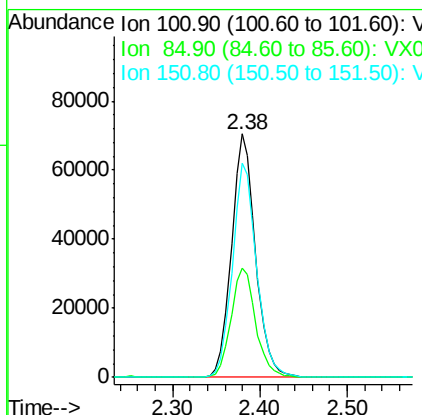
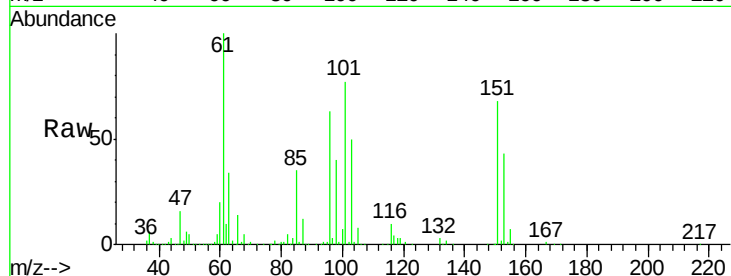
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	101	Resp:	134585
Ion Ratio	Lower	Upper	
101	100		
85	46.2	36.0	54.0
151	89.0	70.9	106.3

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#10

Methyl Iodide

Concen: 45.720 ug/l

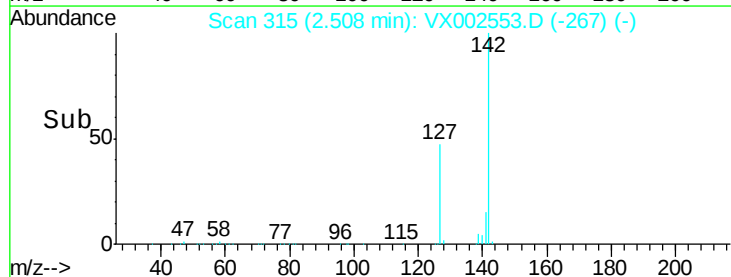
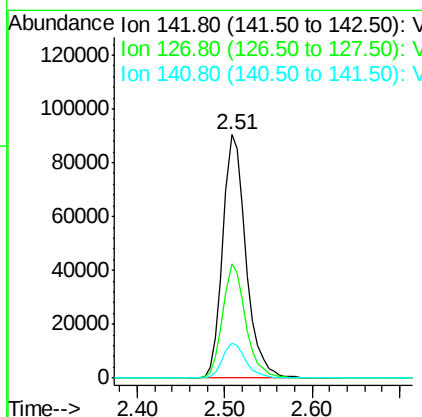
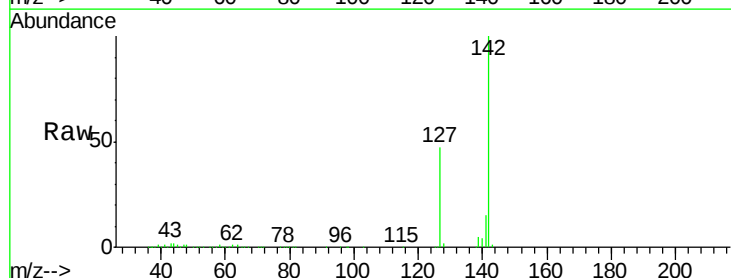
RT: 2.51 min Scan# 315

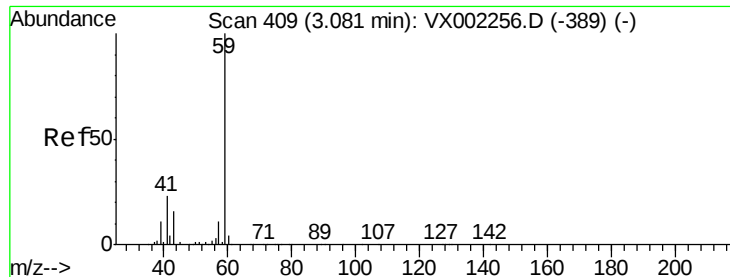
Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	142	Resp:	166157
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.6	55.0
141	14.5	11.3	16.9





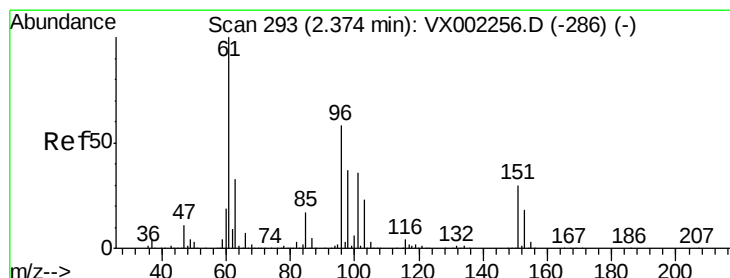
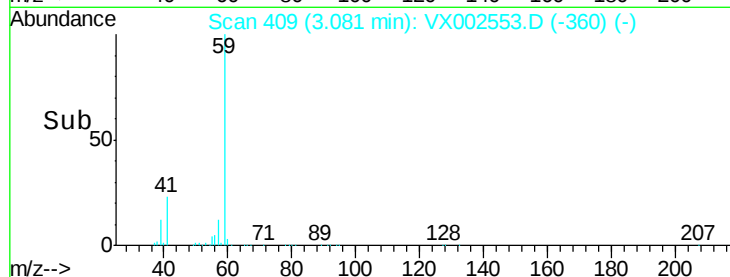
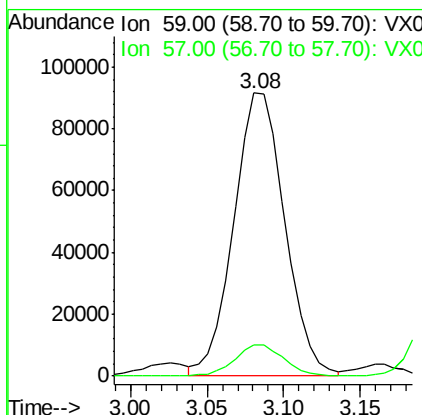
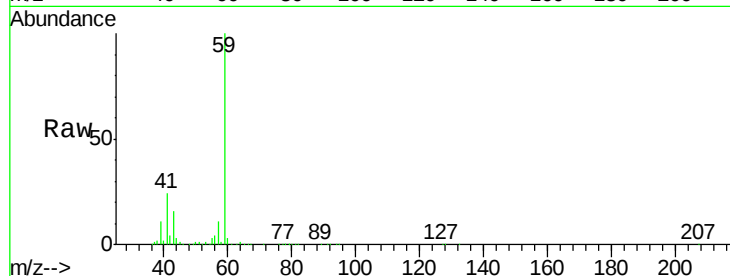
#11
Tert butyl alcohol
Concen: 307.290 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.2	12.2

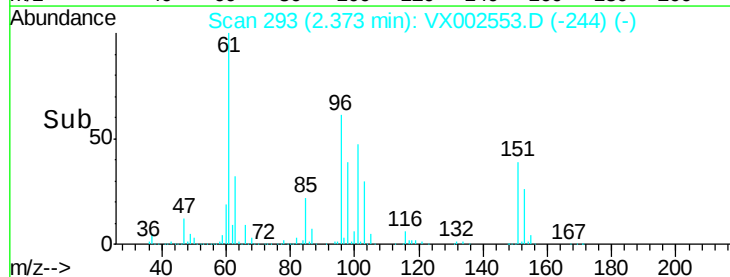
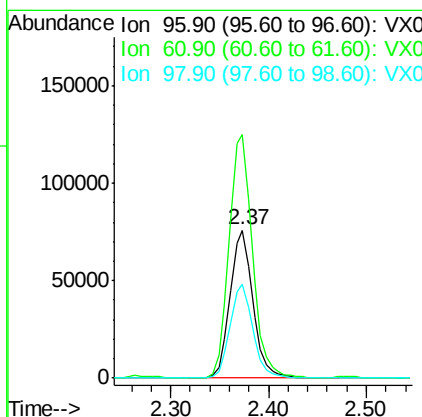
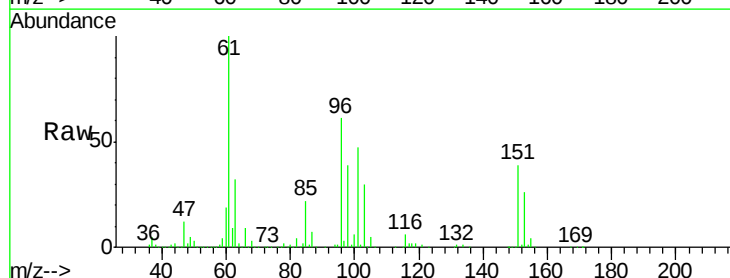
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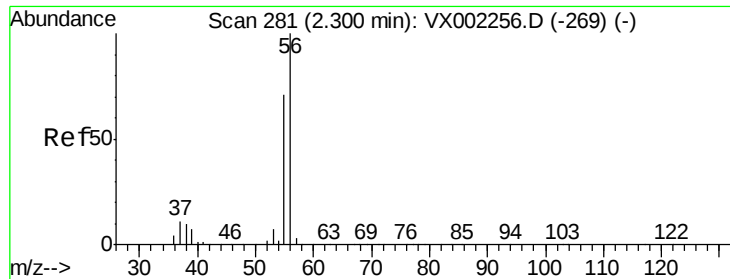
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.080 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	137.9	206.9
98	63.5	51.6	77.4





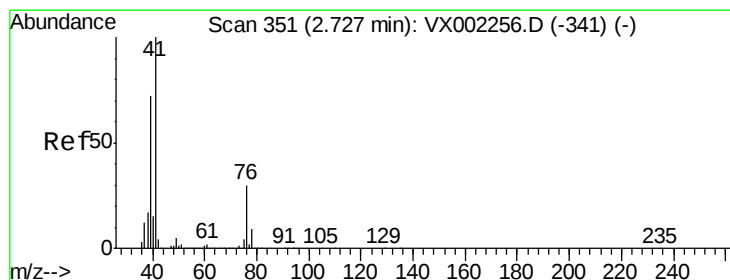
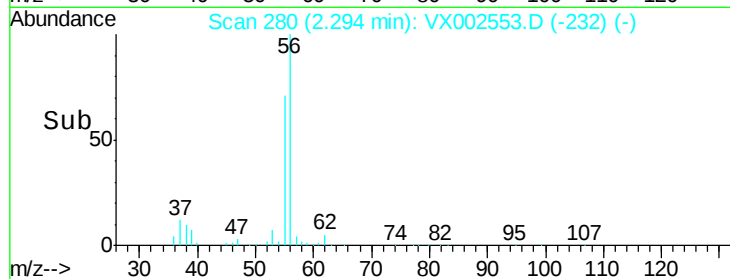
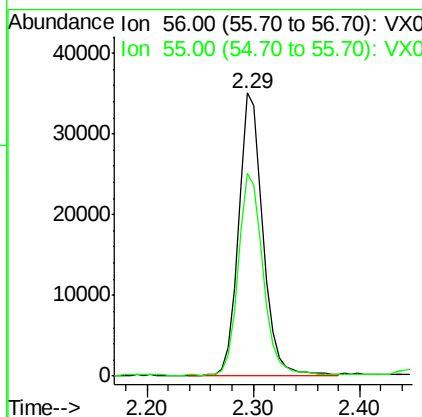
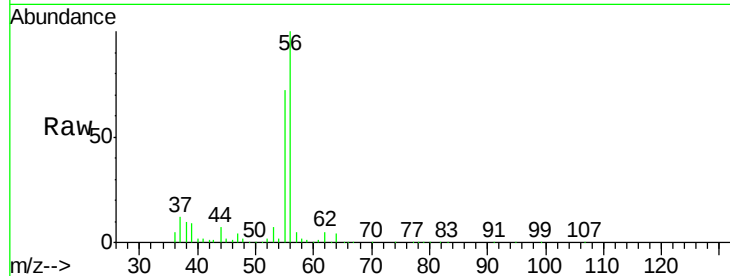
#13
Acrolein
Concen: 162.408 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	72.6		57.0	85.4	

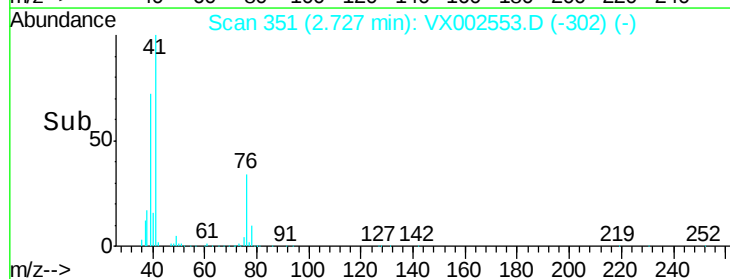
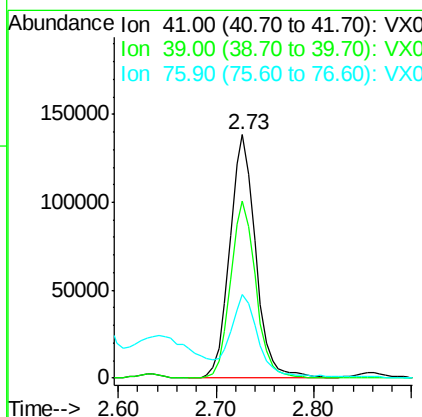
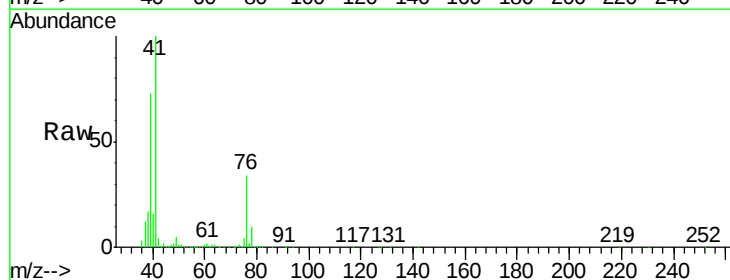
Manual Integrations
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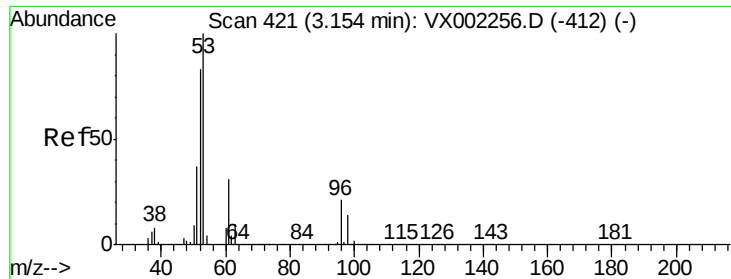
MMDadoda
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#14
Allyl chloride
Concen: 45.764 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	70.4			56.8	85.2	
76	37.2			23.8	35.8#	





#15

Acrylonitrile

Concen: 291.843 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

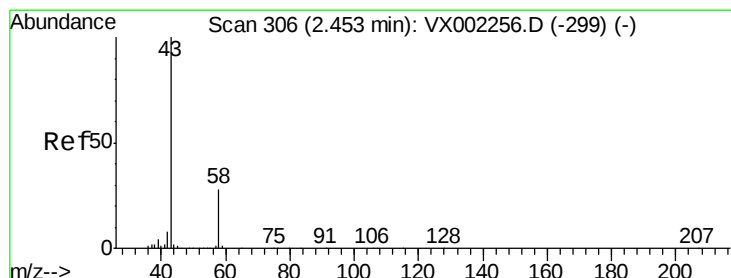
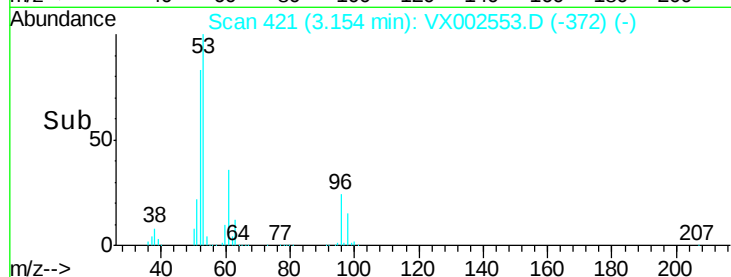
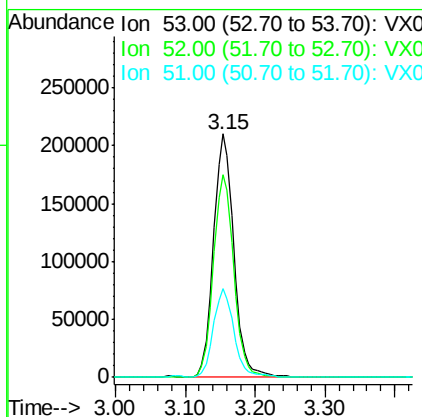
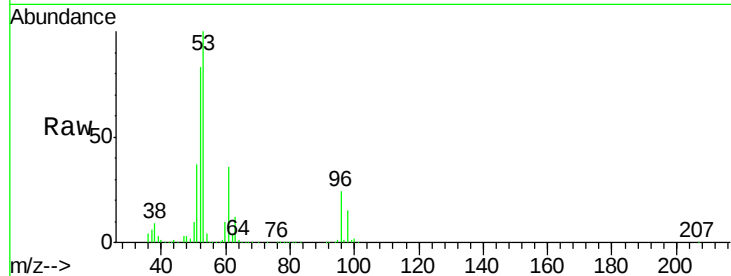
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	53	Resp:	423666
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 328.190 ug/l

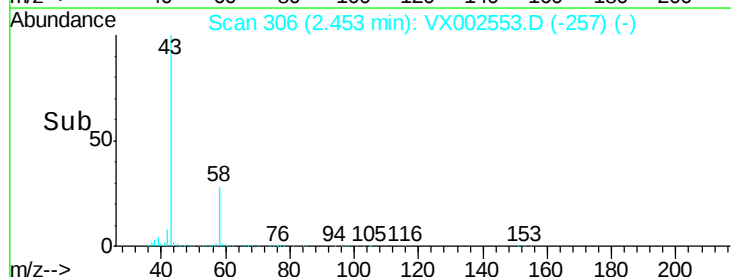
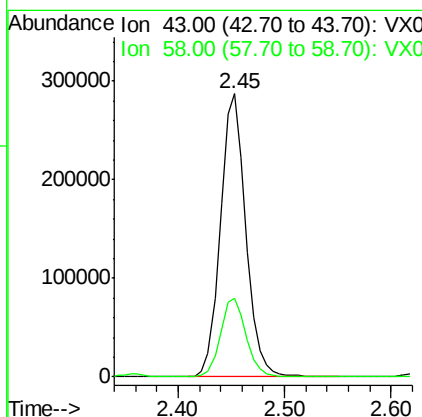
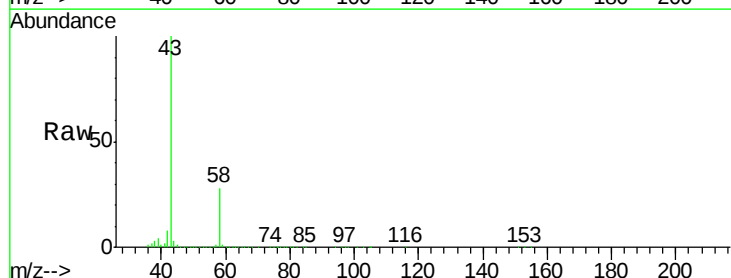
RT: 2.45 min Scan# 306

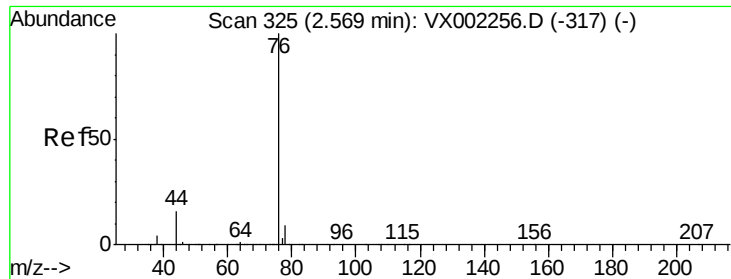
Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	43	Resp:	475287
Ion Ratio	Lower	Upper	
43	100		
58	27.7	22.1	33.1





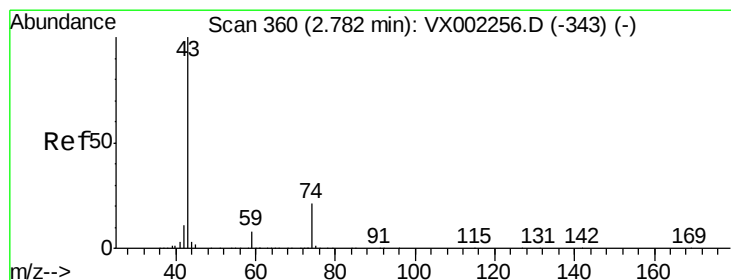
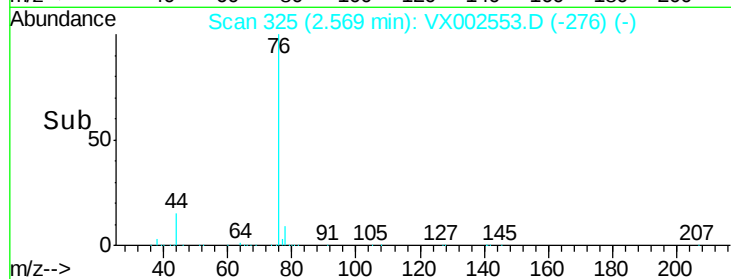
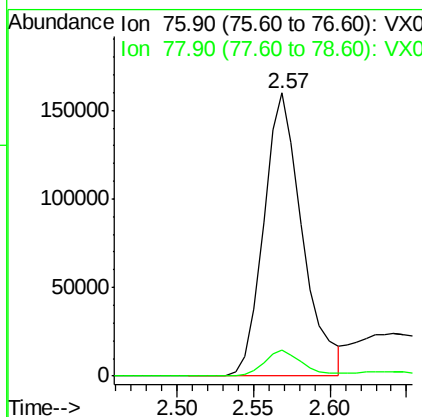
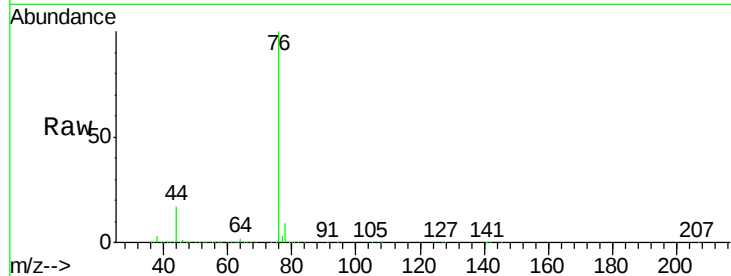
#17
Carbon Disulfide
Concen: 41.772 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	281126		
78	9.1		6.9	10.3

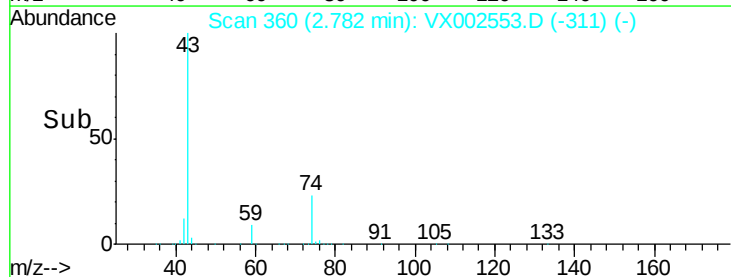
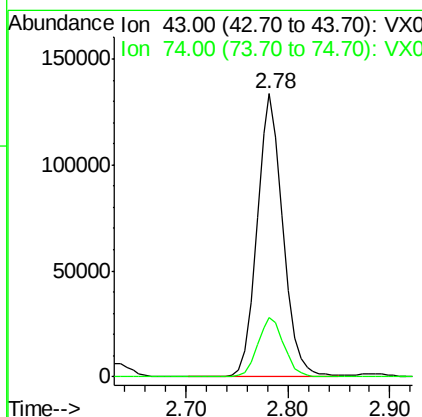
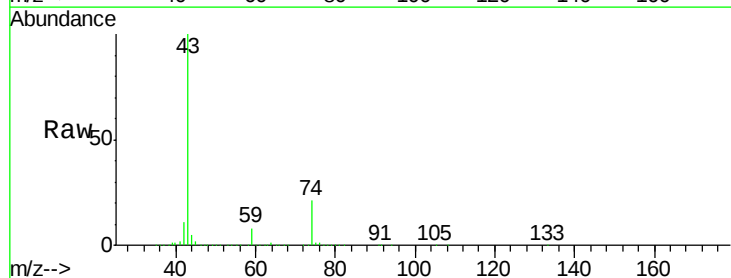
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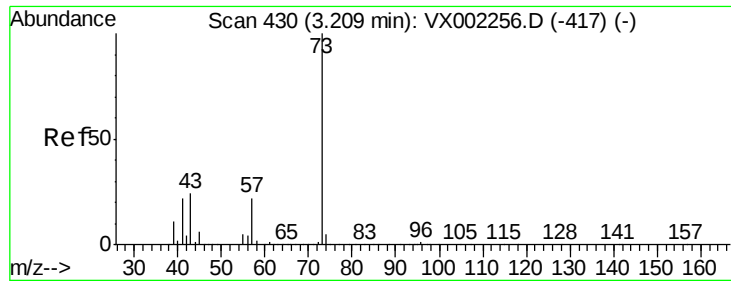
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#18
Methyl Acetate
Concen: 69.391 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	234845		
74	21.0		16.7	25.1





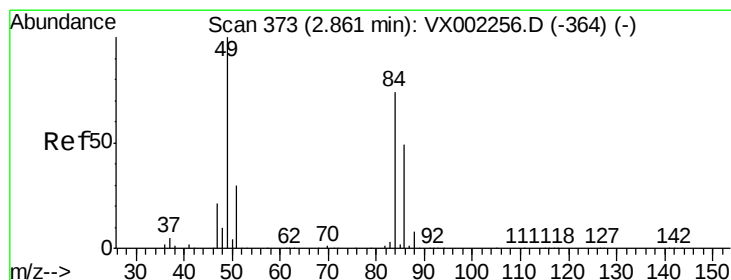
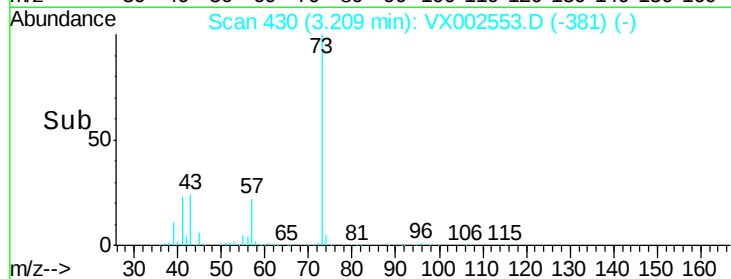
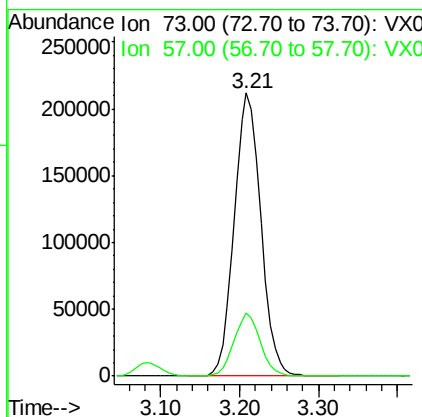
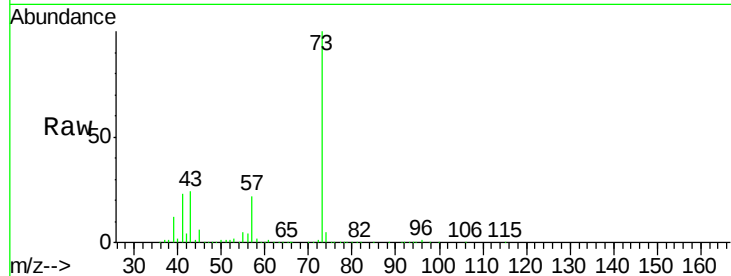
#19
Methvl tert-butvl Ether
Concen: 56.286 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.7	26.5

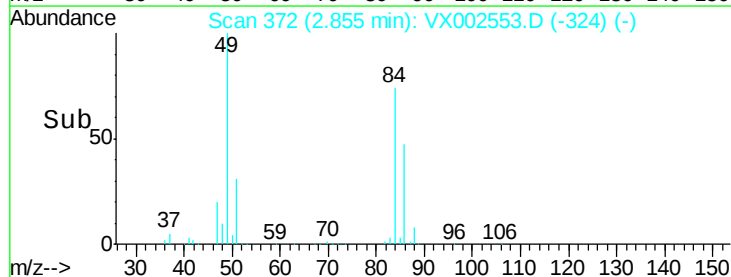
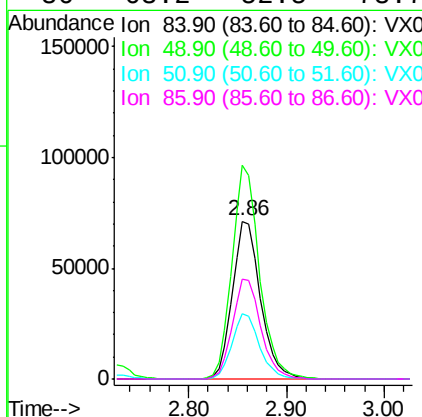
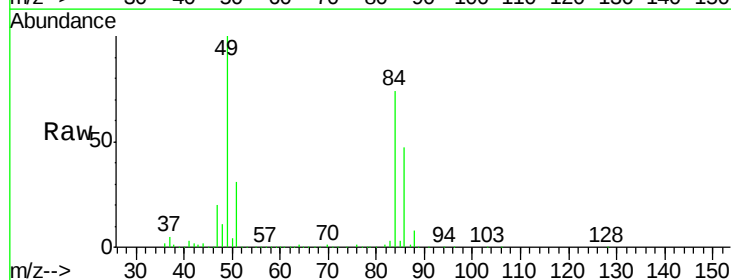
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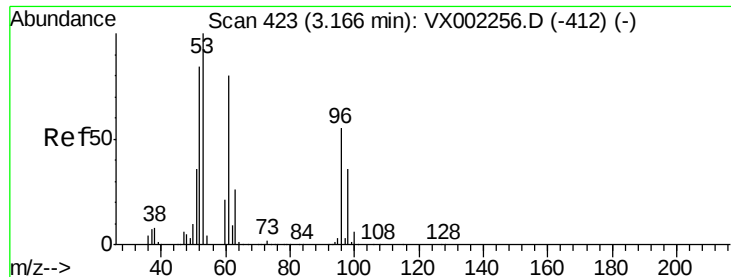
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#20
Methylene Chloride
Concen: 52.599 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.1	107.8	161.6
51	41.4	32.8	49.2
86	63.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 47.195 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

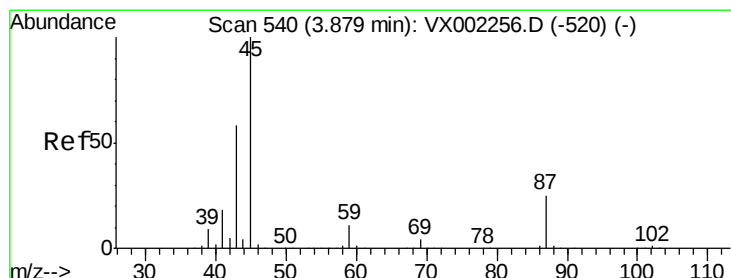
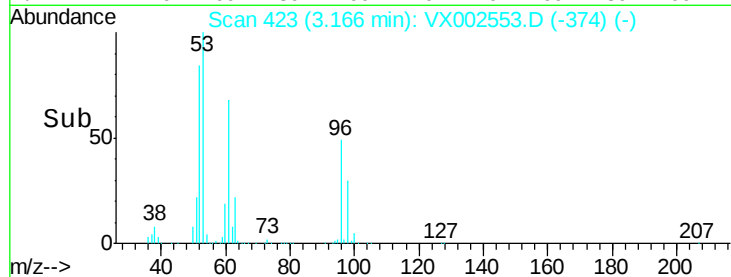
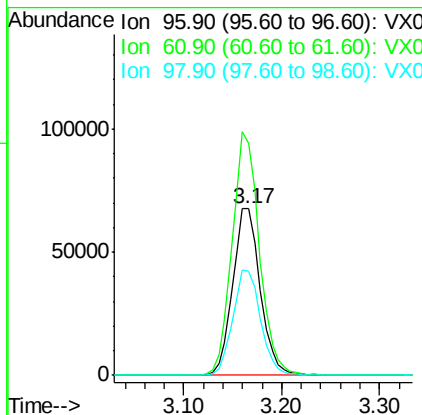
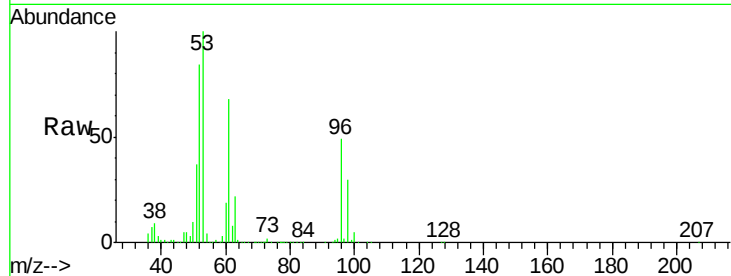
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	96	Resp:	132895
Ion Ratio	Lower	Upper	
96	100		
61	139.6	117.0	175.4
98	62.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 51.072 ug/l

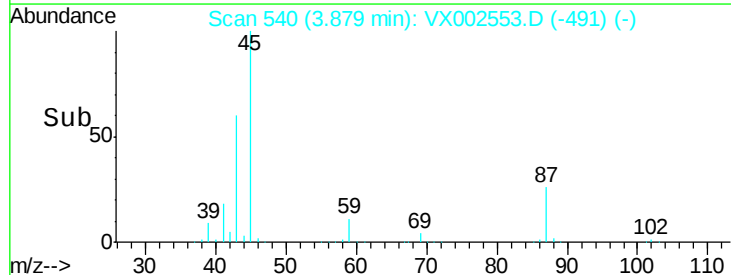
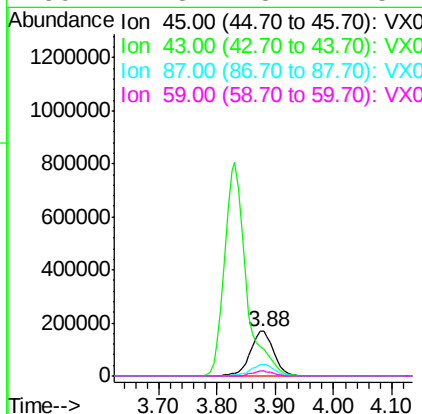
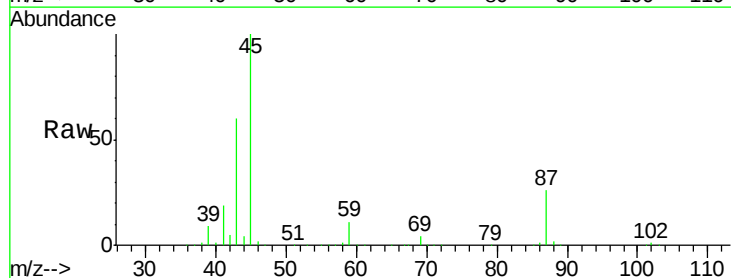
RT: 3.88 min Scan# 540

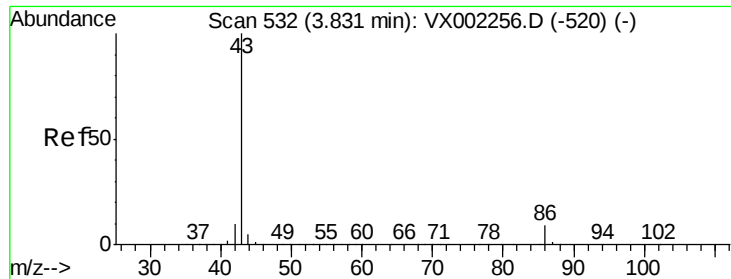
Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	45	Resp:	472506
Ion Ratio	Lower	Upper	
45	100		
43	59.7	46.8	70.2
87	26.2	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 231.881 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 43 Resp: 2083032

Ion Ratio Lower Upper

43 100

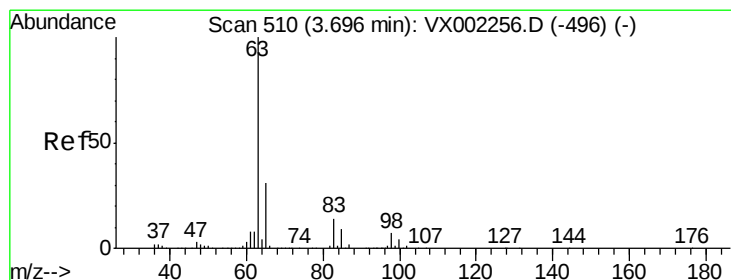
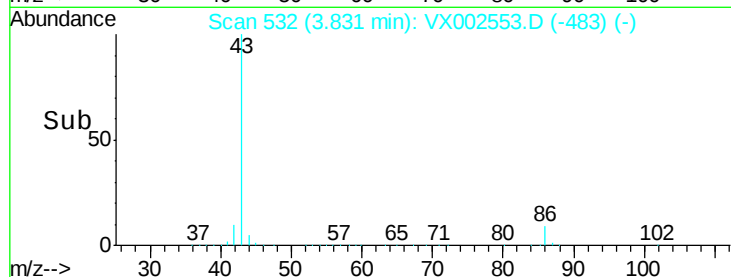
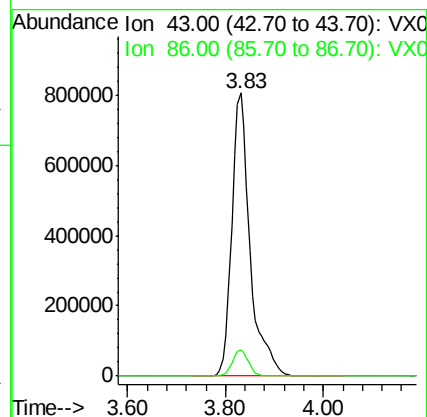
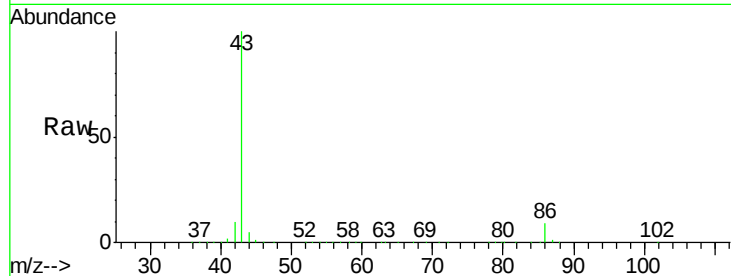
86 9.3 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.213 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

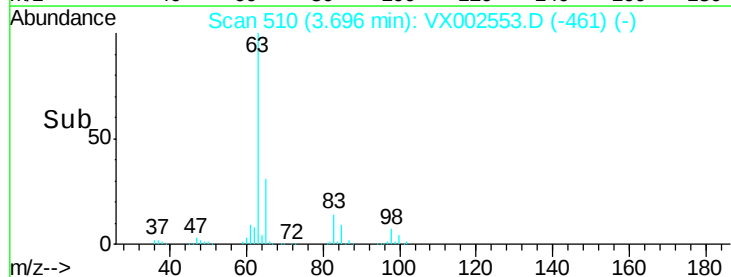
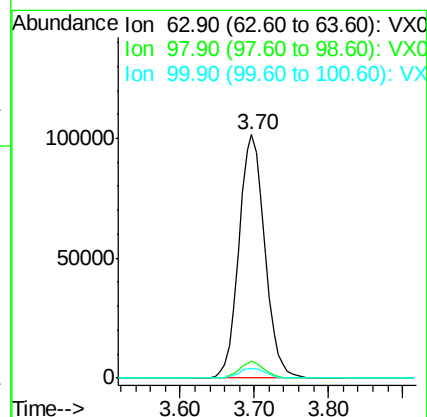
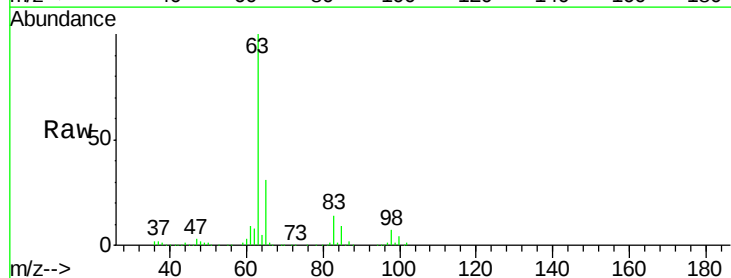
Tgt Ion: 63 Resp: 247629

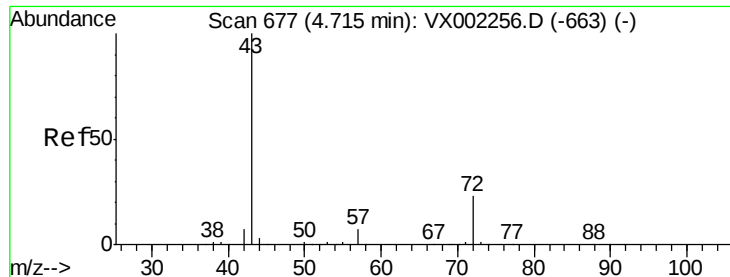
Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 369.250 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 43 Resp: 868402

Ion Ratio Lower Upper

43 100

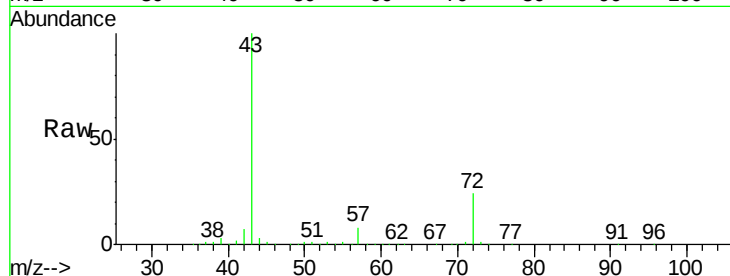
72 24.0 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

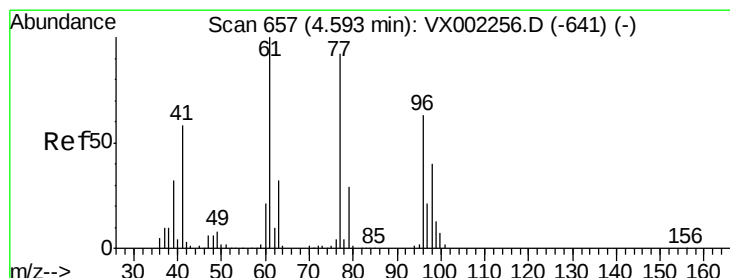
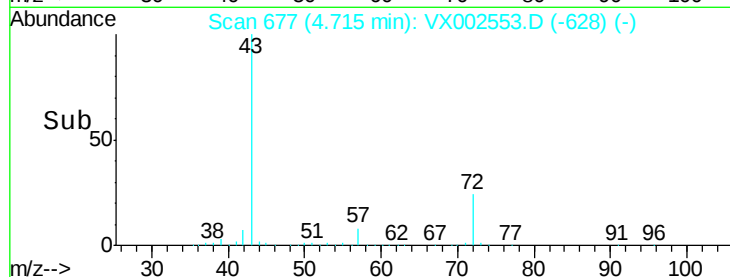
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.496 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002553.D

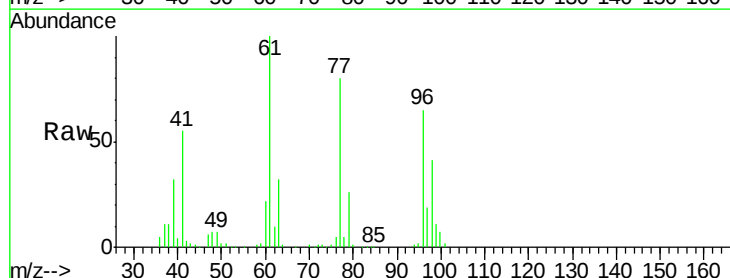
Acq: 14 Jun 2018 15:53

Tgt Ion: 77 Resp: 181932

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

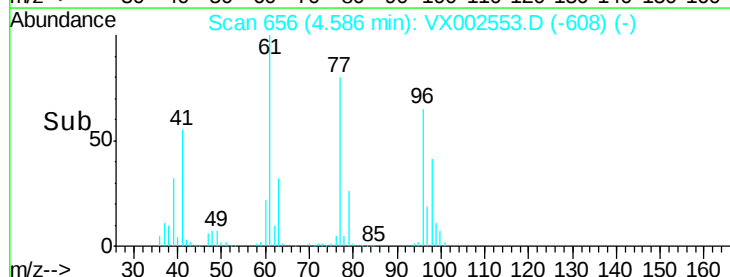
40000

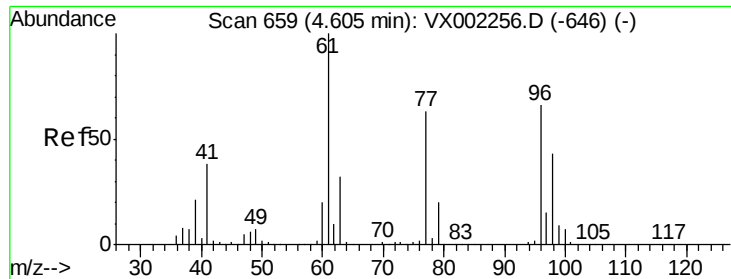
20000

0

4.50 4.60 4.70

Time-->





#27

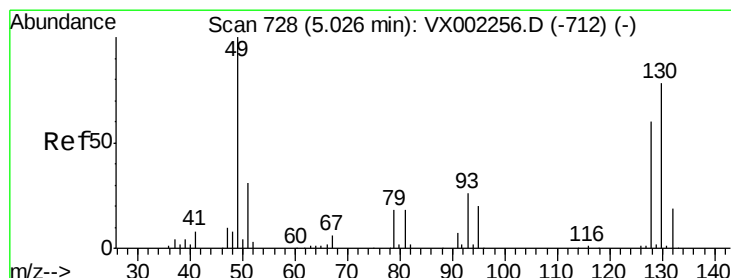
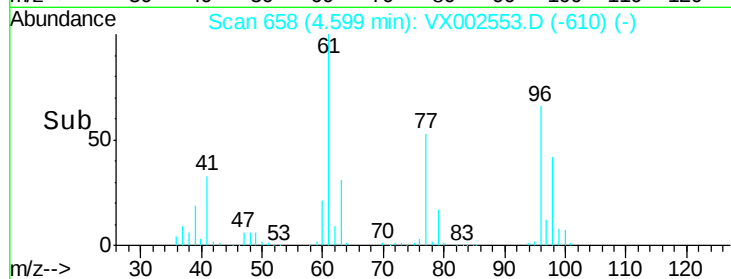
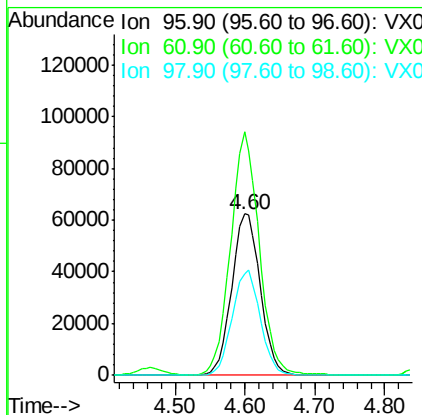
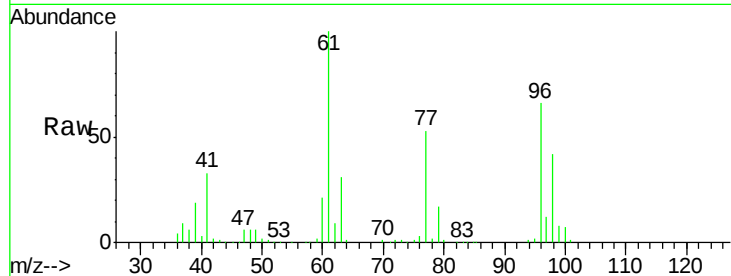
cis-1,2-Dichloroethene
Concen: 57.733 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.2	0.0	330.2
98	64.1	0.0	130.2

Manual Integrations
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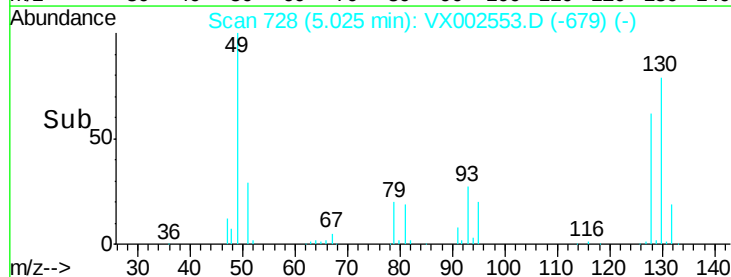
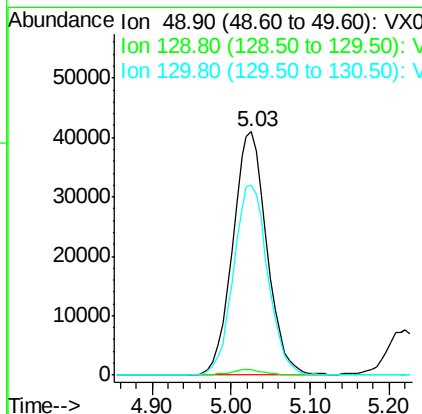
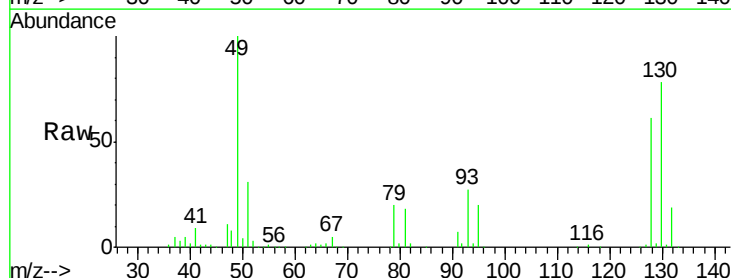
MMDadoda
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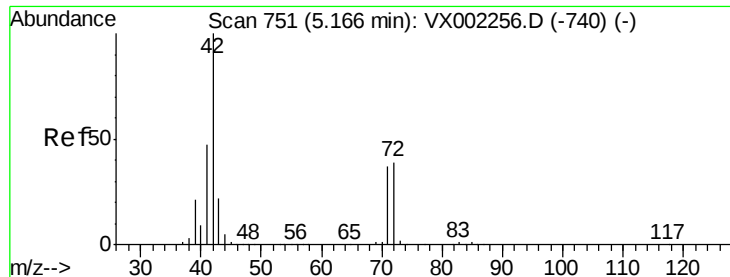


#28

Bromochloromethane
Concen: 52.901 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	78.9	61.2	91.8





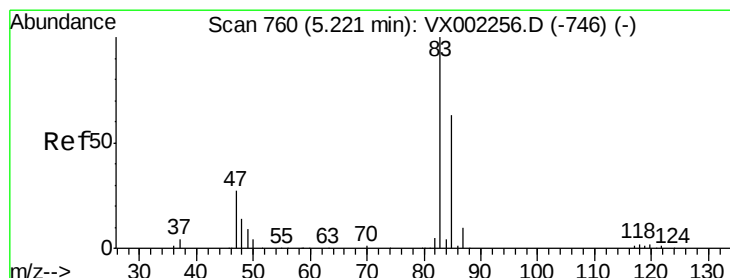
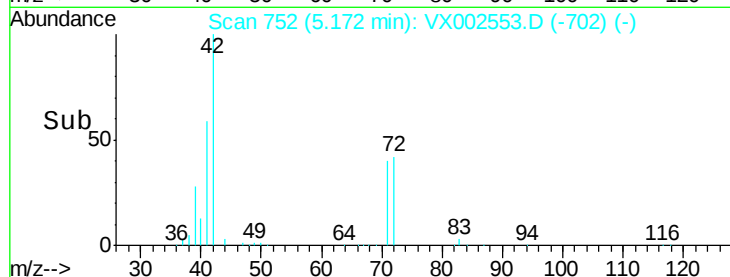
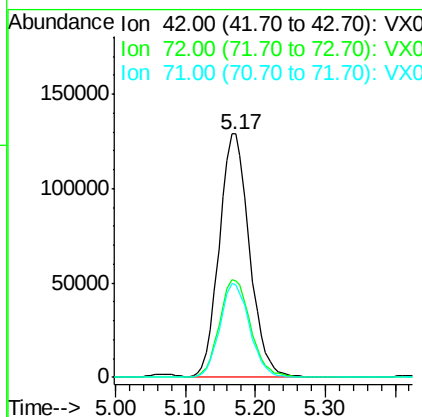
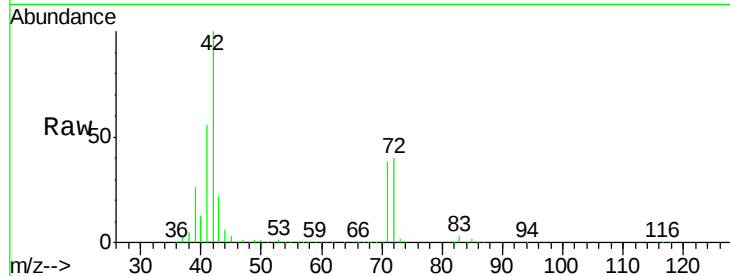
#29
Tetrahydrofuran
Concen: 253.800 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	38.2	30.1	45.1

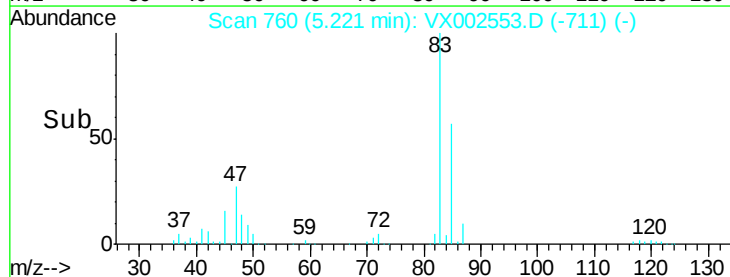
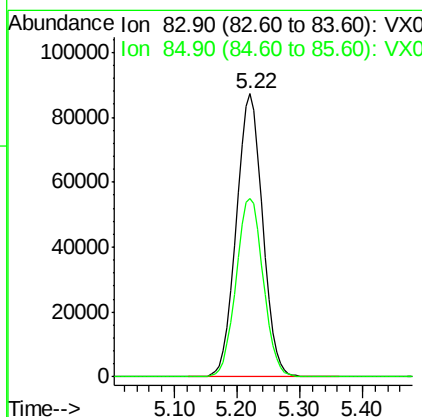
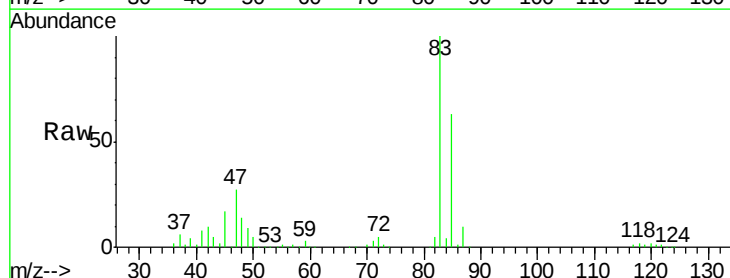
Manual Integrations
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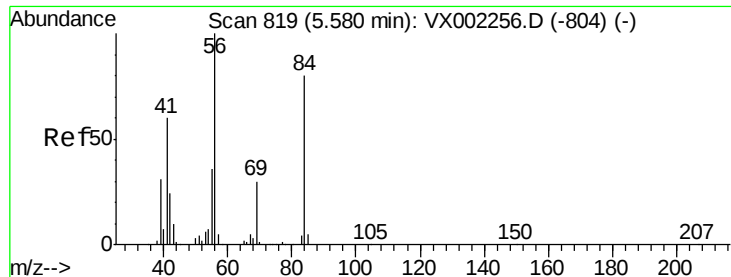
MMDadoda
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#30
Chloroform
Concen: 47.956 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.4	75.6





#31

Cyclohexane

Concen: 44.869 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

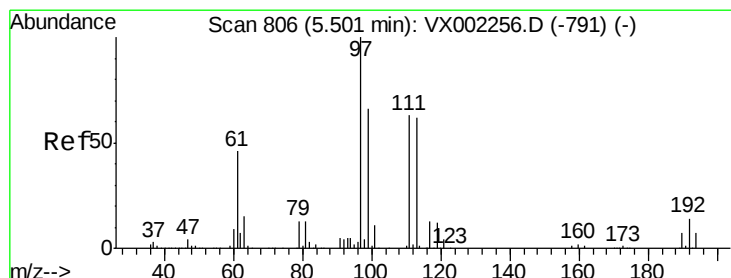
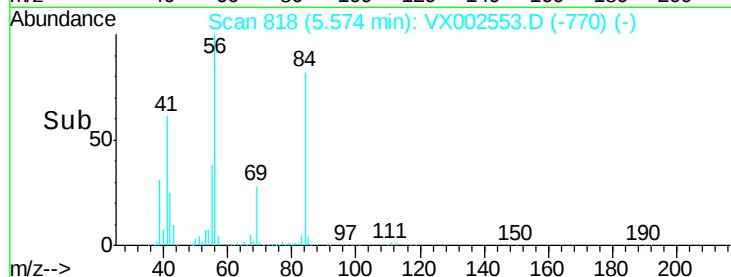
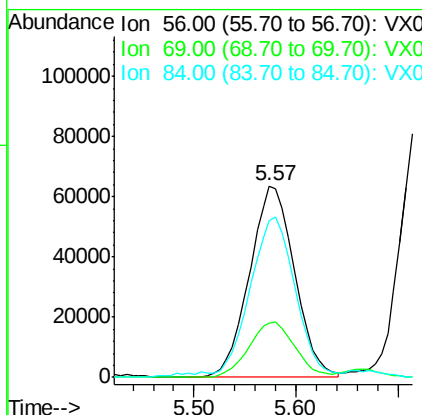
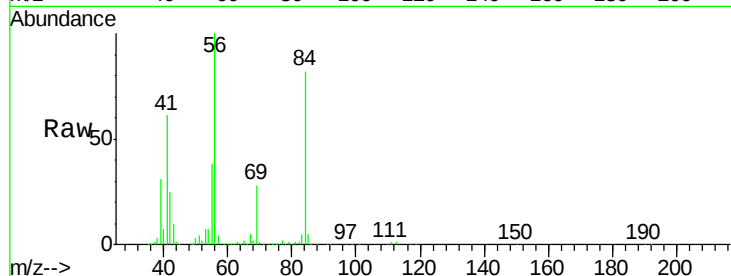
ClientSampleId :

SS050MW513-180607MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.3	23.7	35.5	
84	79.4	64.1	96.1	

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#32

1,1,1-Trichloroethane

Concen: 48.852 ug/l

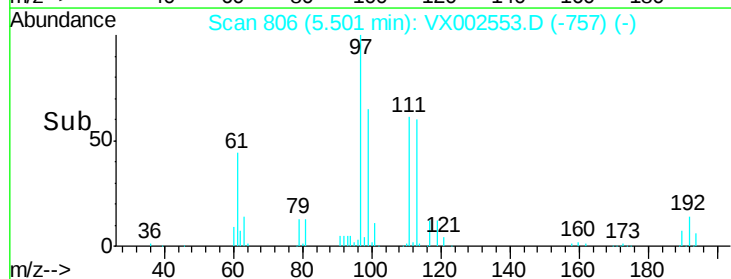
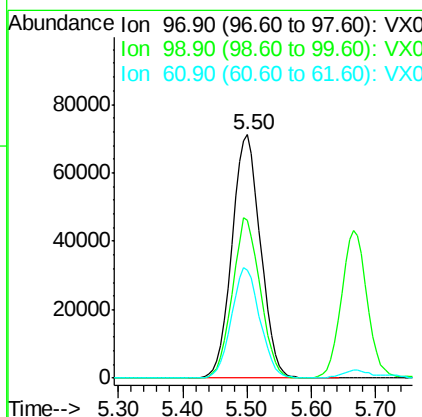
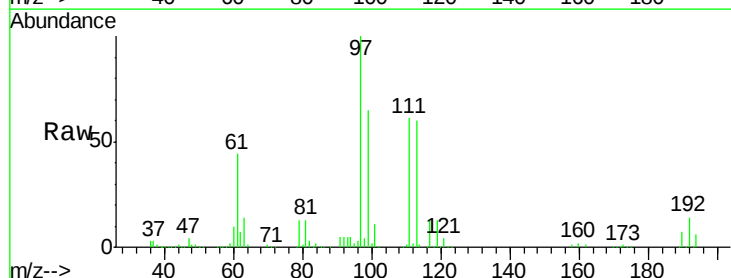
RT: 5.50 min Scan# 806

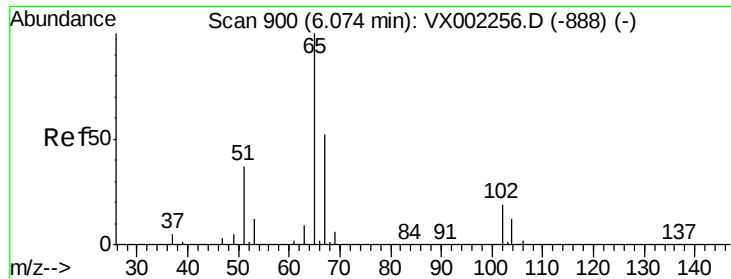
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.5	51.6	77.4	
61	45.6	36.4	54.6	





#33

1,2-Dichloroethane-d4

Concen: 46.515 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 65 Resp: 160373

Ion Ratio Lower Upper

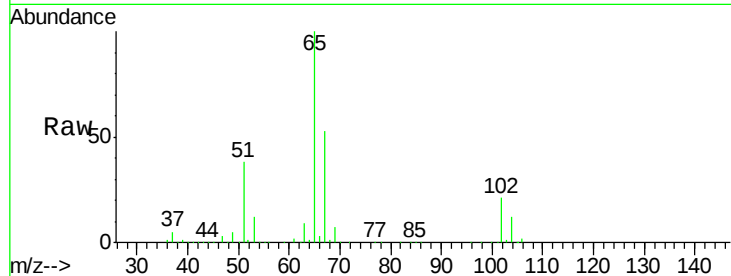
65 100

67 52.1 0.0 102.6

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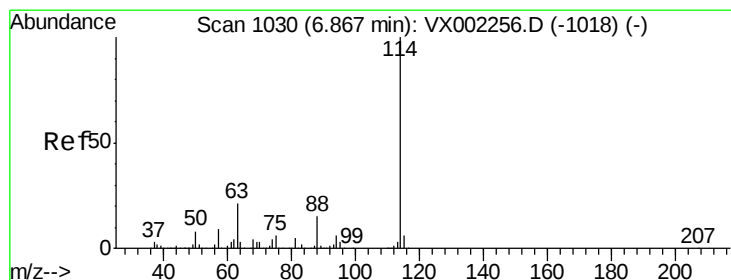
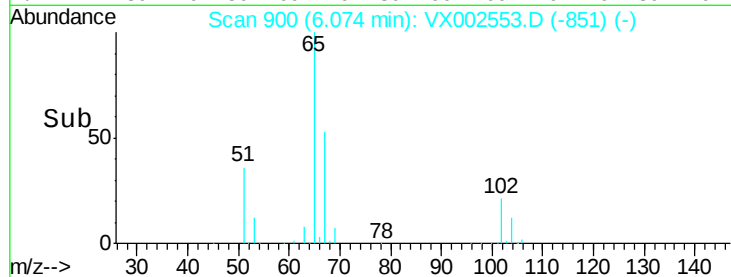
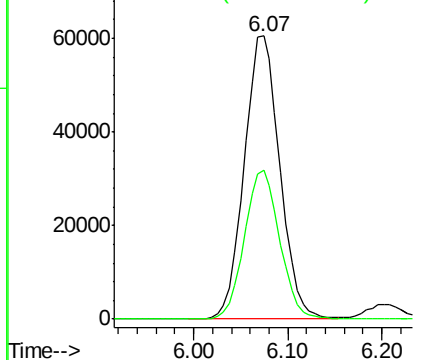
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX002553.D

Acq: 14 Jun 2018 15:53

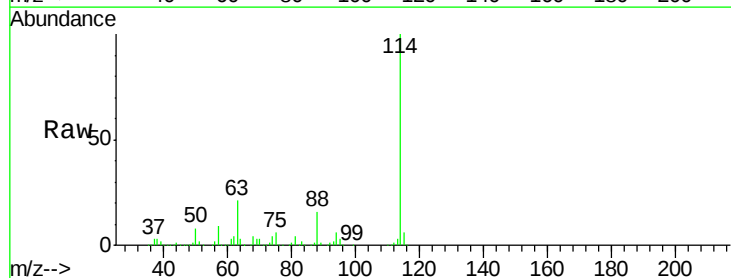
Tgt Ion: 114 Resp: 354913

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

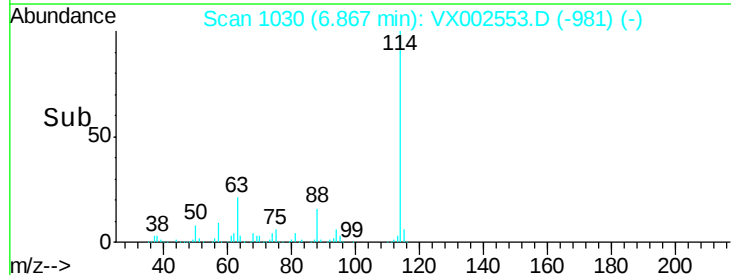
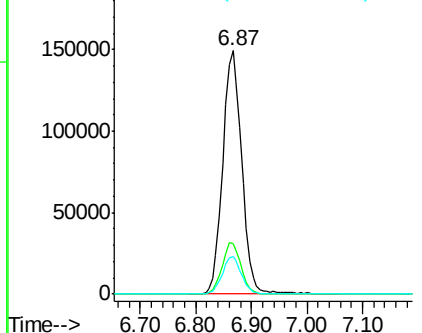
88 15.5 0.0 30.0

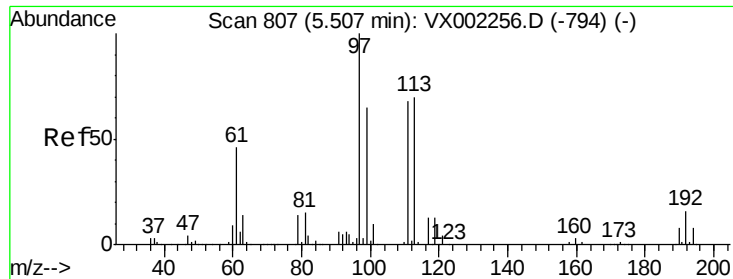


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.728 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

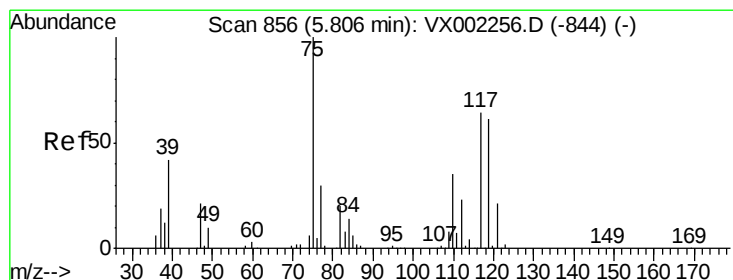
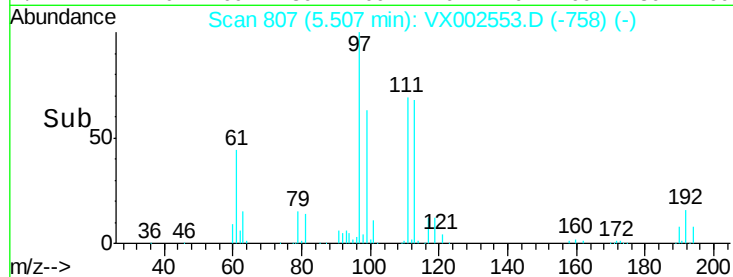
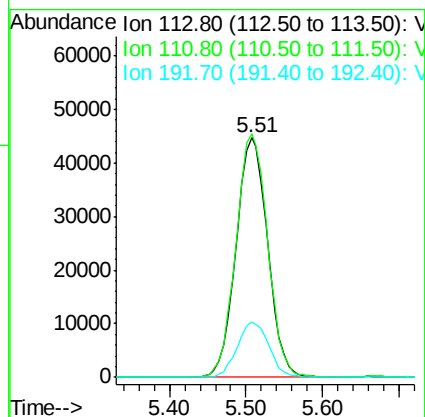
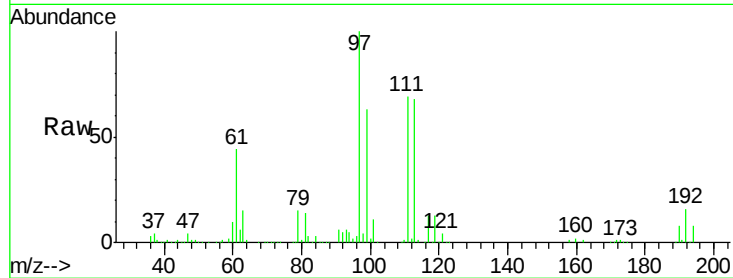
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	113	Resp:	127630
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.4	122.0
192	23.2	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 47.300 ug/l

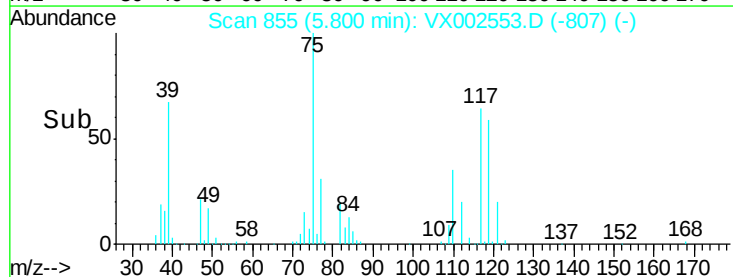
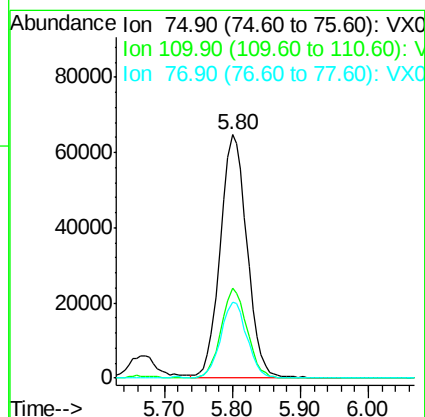
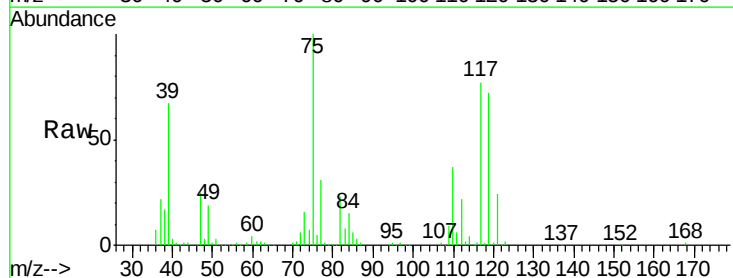
RT: 5.80 min Scan# 855

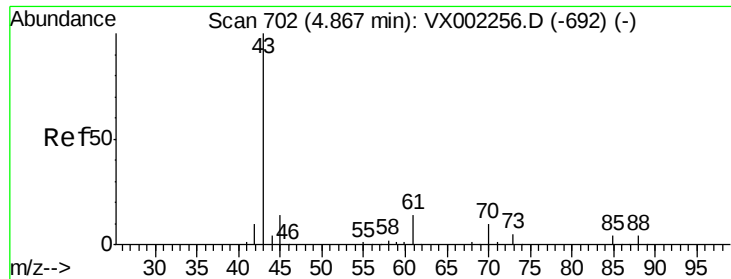
Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	75	Resp:	176483
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.4
77	30.2	24.3	36.5





#37

Ethyl Acetate

Concen: 51.393 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

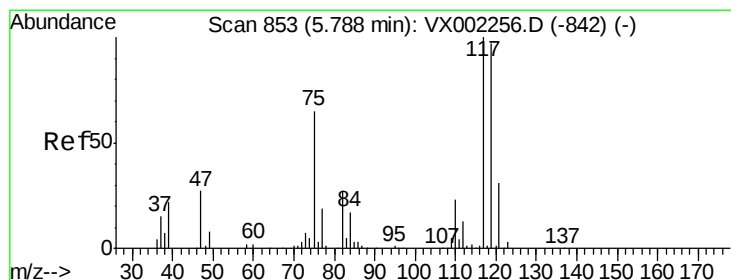
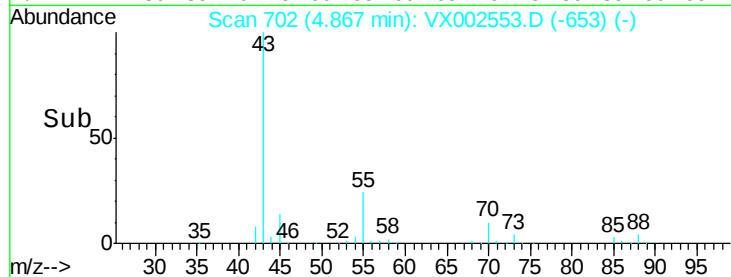
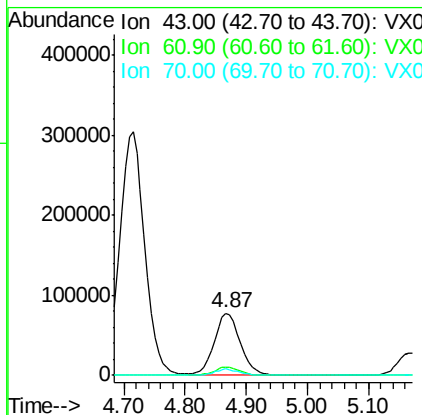
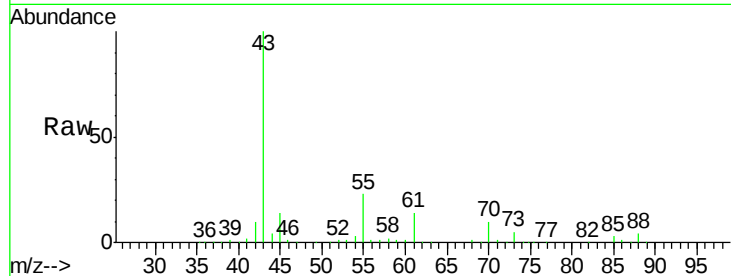
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	43	Resp:	230607
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.3	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.151 ug/l

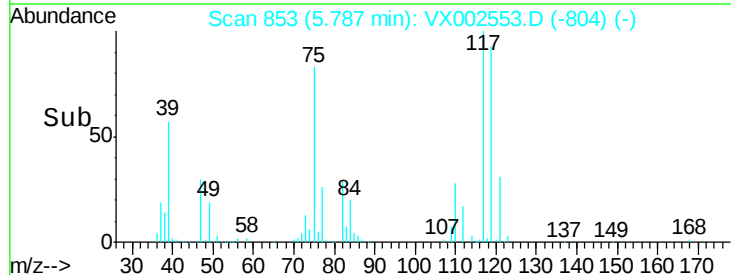
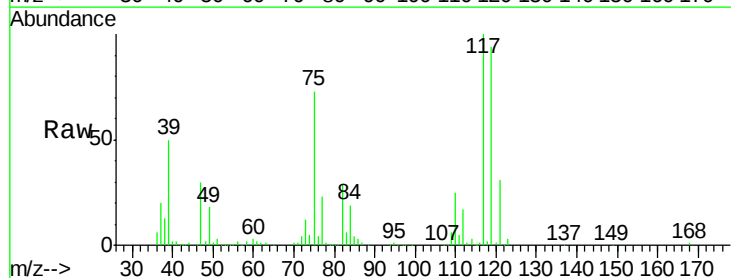
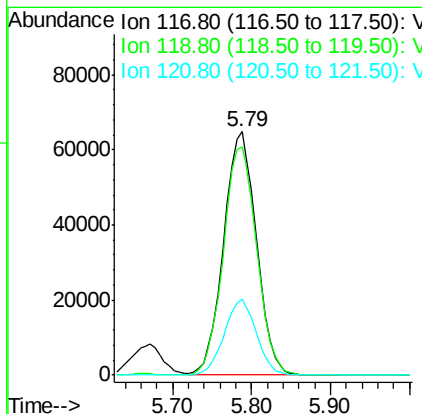
RT: 5.79 min Scan# 853

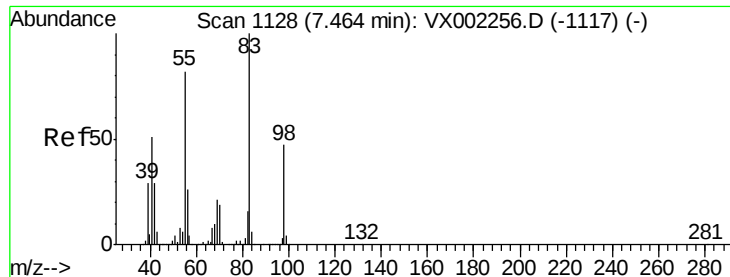
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	117	Resp:	187948
Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.0
121	31.1	24.4	36.6





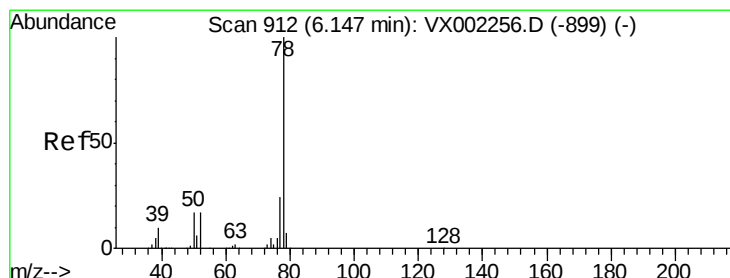
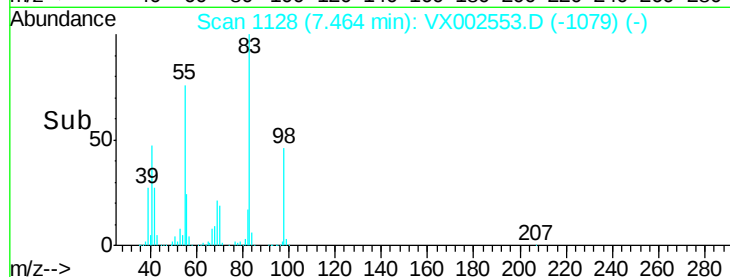
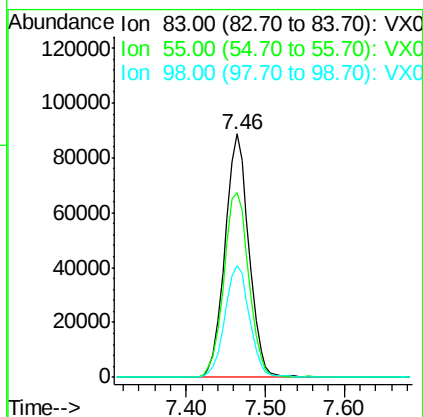
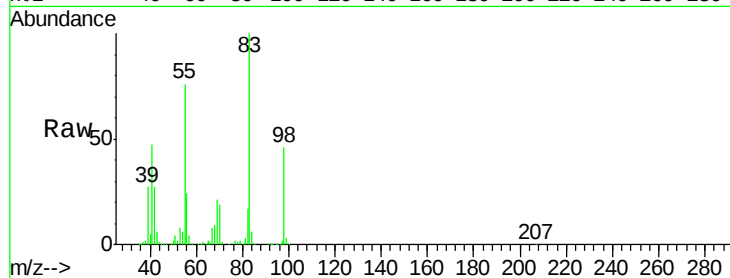
#39
Methvlcvclohexane
Concen: 40.661 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	65.4	98.0
98	45.8	37.4	56.0

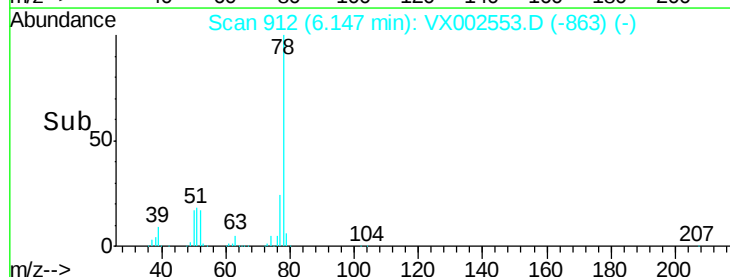
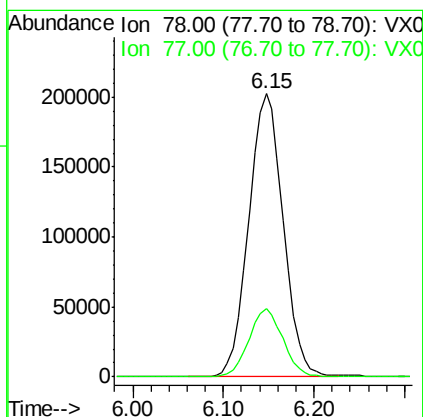
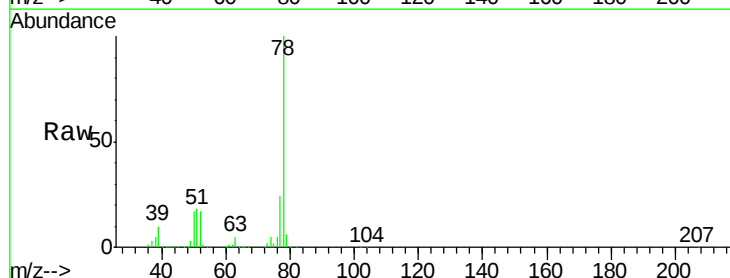
Manual Integrations
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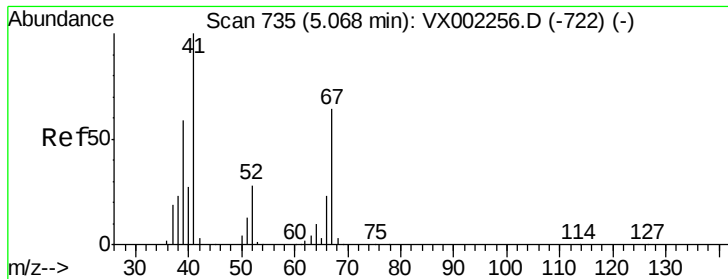
MMDadoda
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#40
Benzene
Concen: 46.568 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





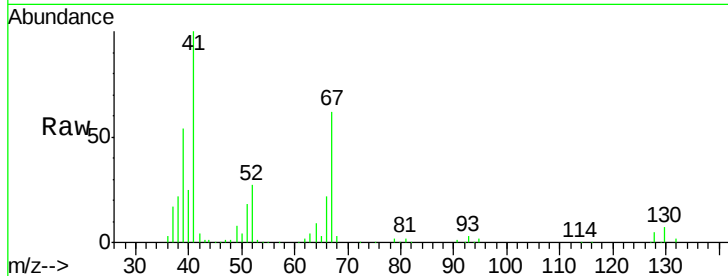
#41
Methacrylonitrile
Concen: 50.388 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	64.6	51.3	76.9
52	28.2	23.0	34.6

Manual Integrations
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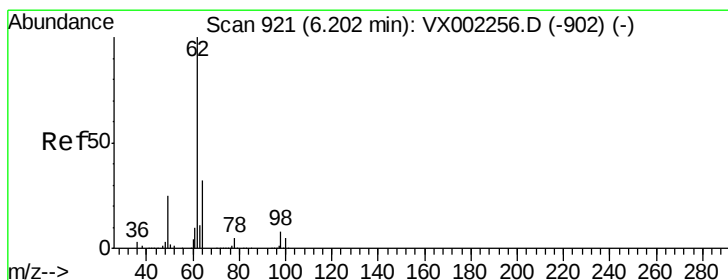
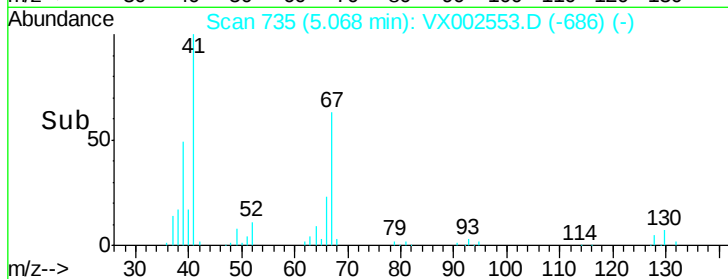
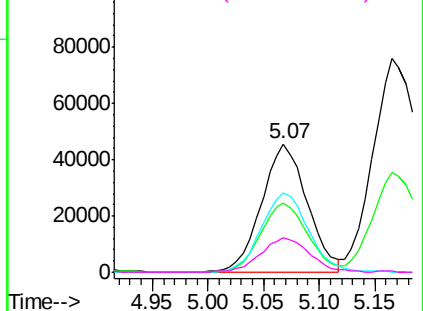
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

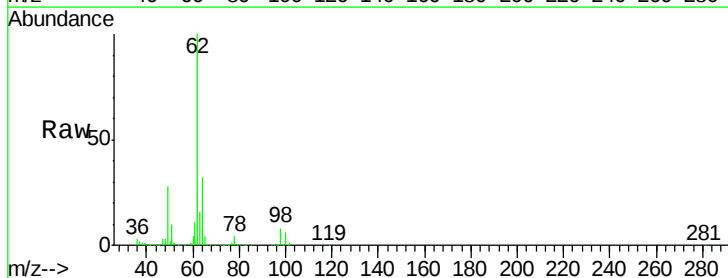
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 47.315 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

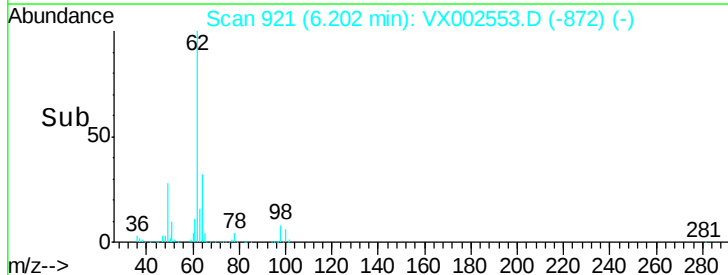
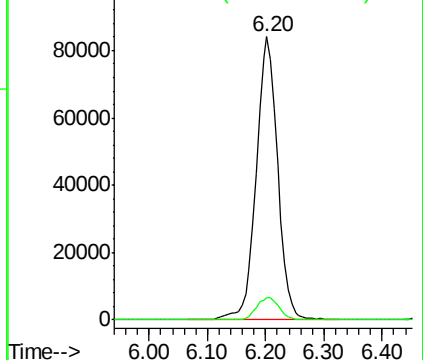
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

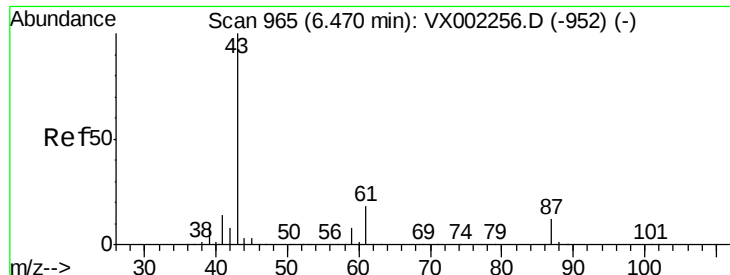


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

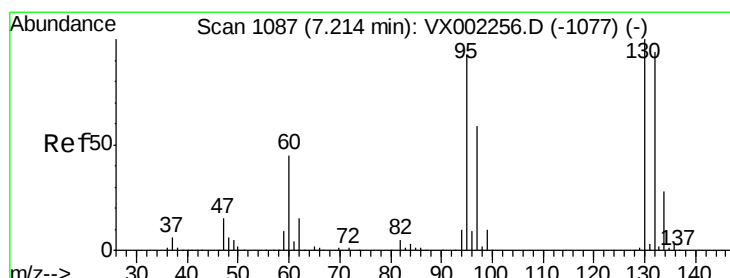
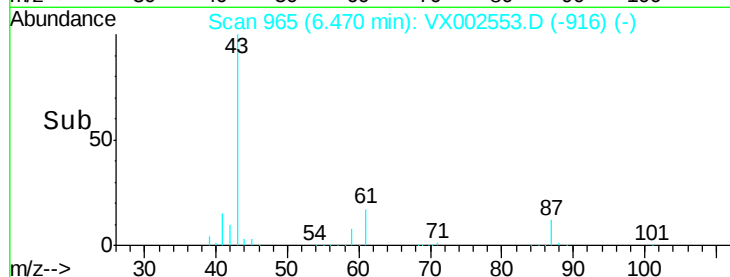
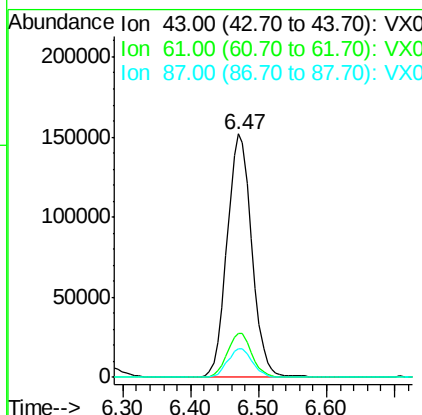
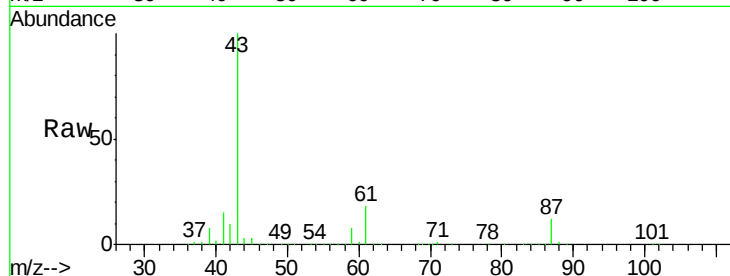
Isopropyl Acetate
 Concen: 49.859 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

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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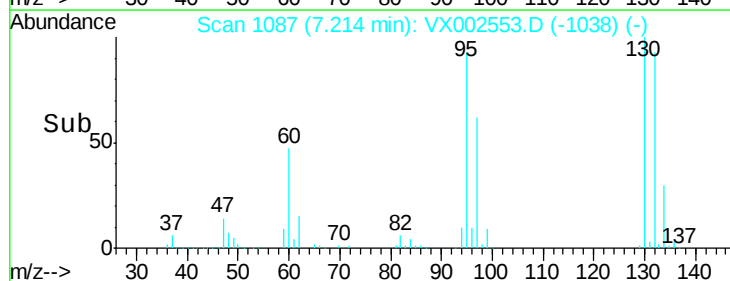
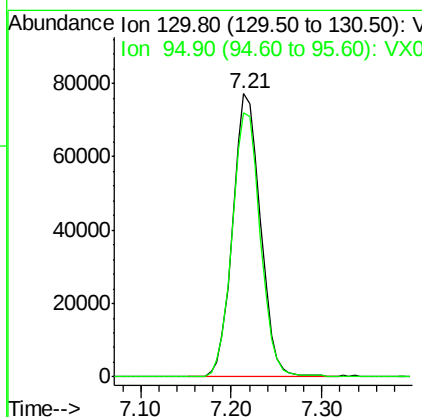
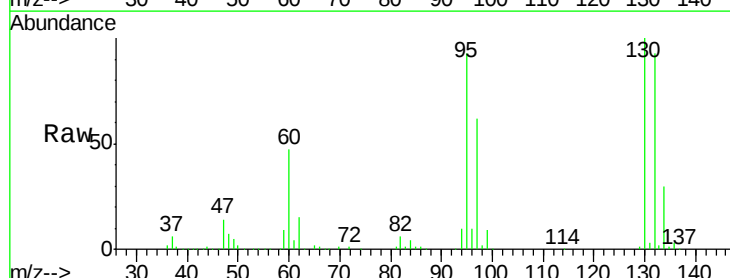
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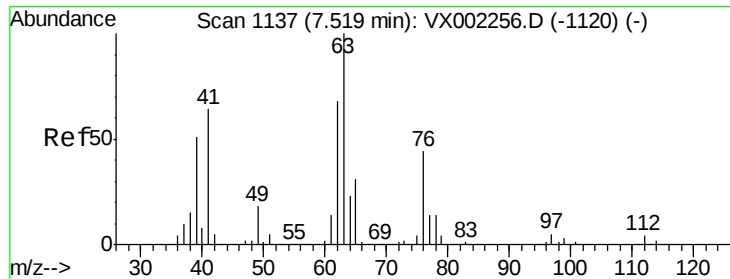


#44

Trichloroethene
 Concen: 52.091 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.4





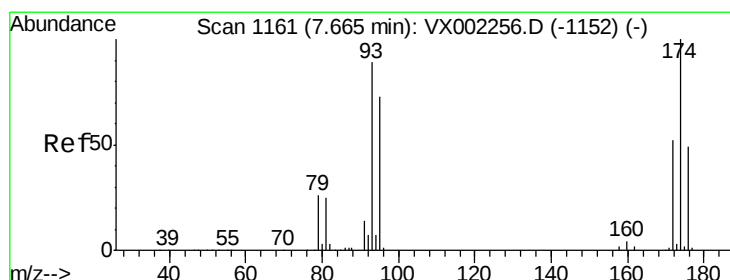
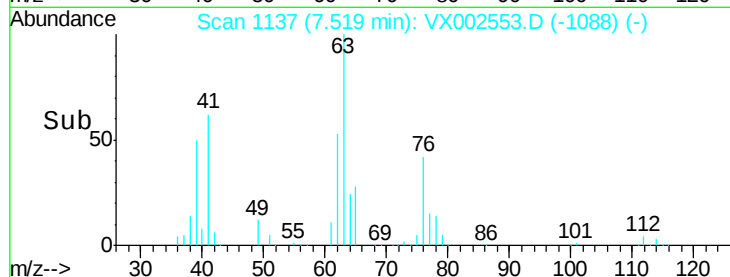
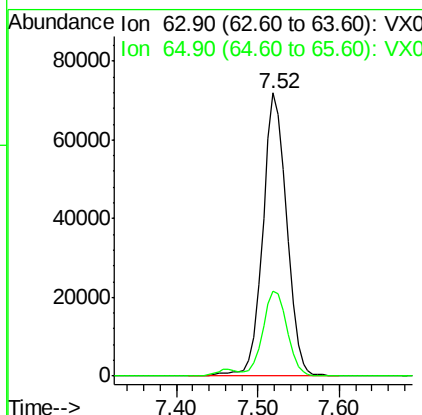
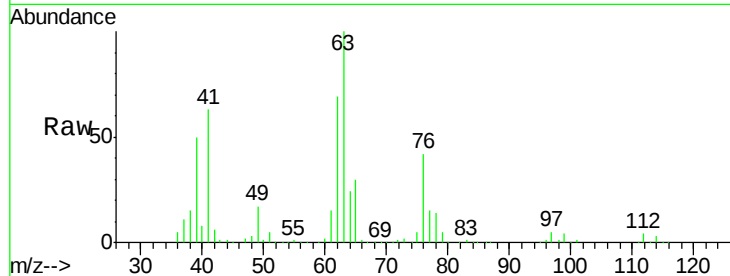
#45
 1,2-Dichloropropane
 Concen: 47.625 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion: 63 Resp: 147091
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1

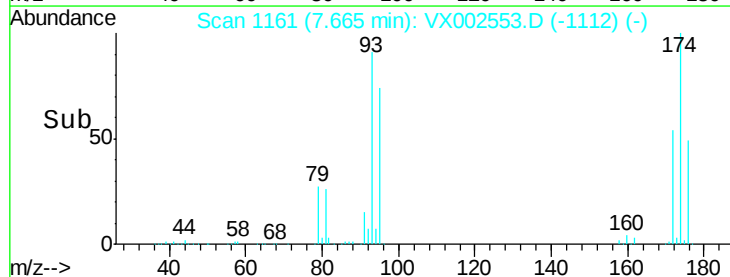
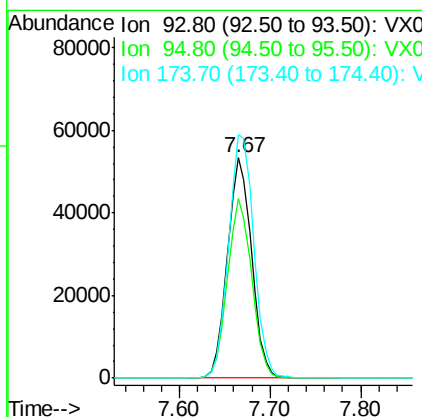
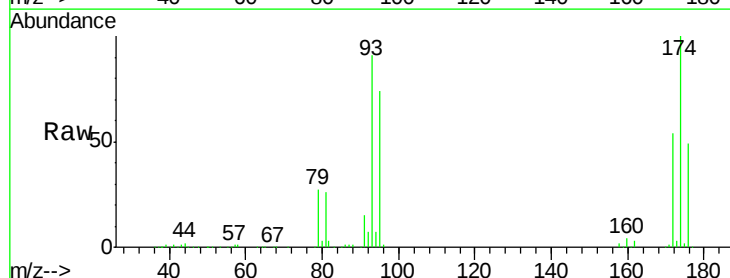
Manual Integrations
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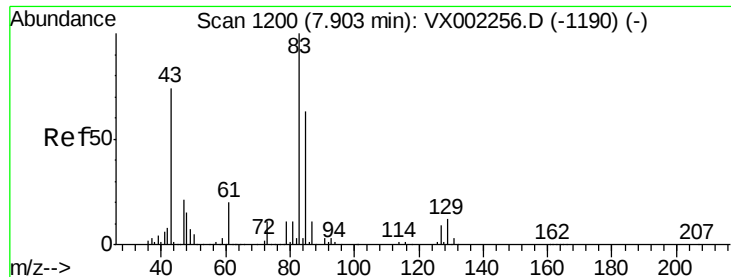
MMDadoda
 6/15/2018 1:11:51 PM



#46
 Dibromomethane
 Concen: 47.484 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 93 Resp: 99417
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.9 98.9
 174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 47.925 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

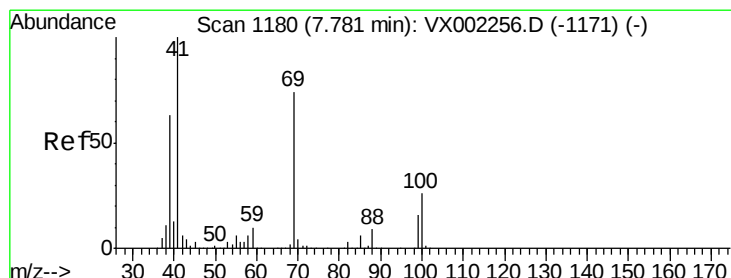
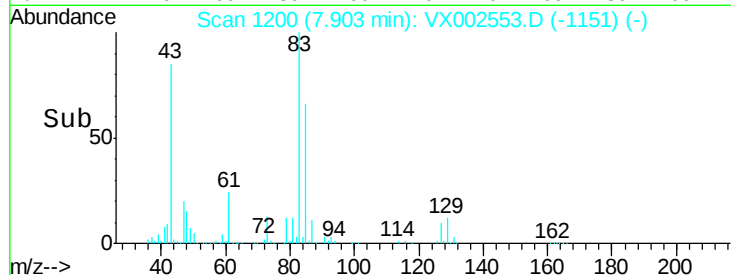
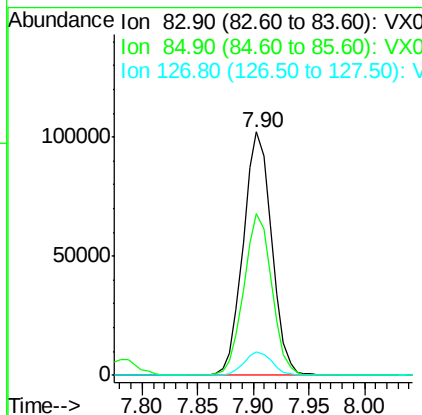
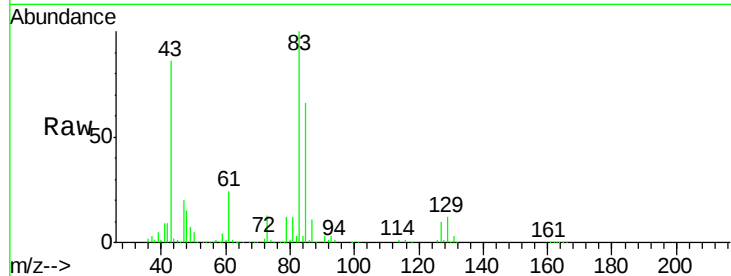
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	83	Resp:	181475
Ion Ratio	Lower	Upper	
83	100		
85	66.3	50.3	75.5
127	9.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.473 ug/l

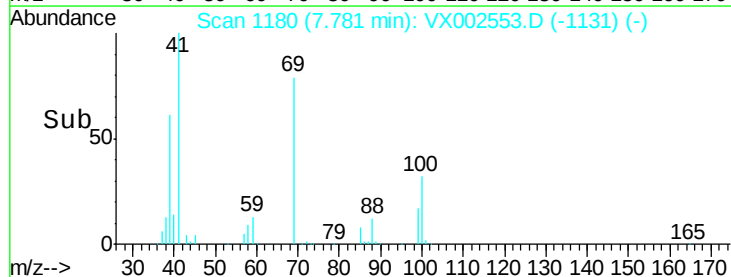
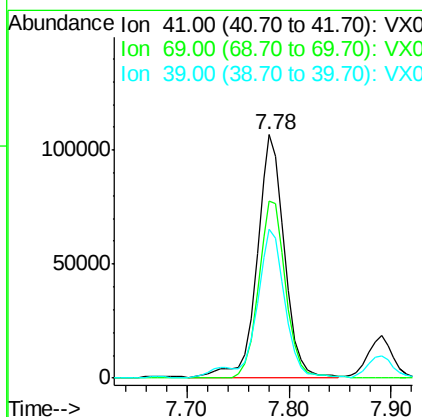
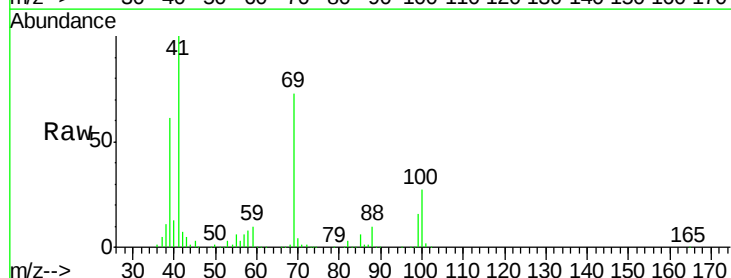
RT: 7.78 min Scan# 1180

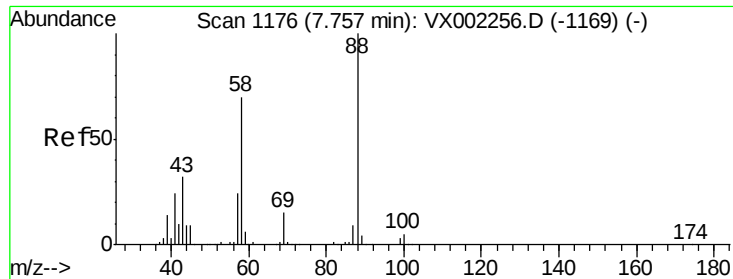
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	41	Resp:	197055
Ion Ratio	Lower	Upper	
41	100		
69	73.8	59.1	88.7
39	58.8	48.9	73.3





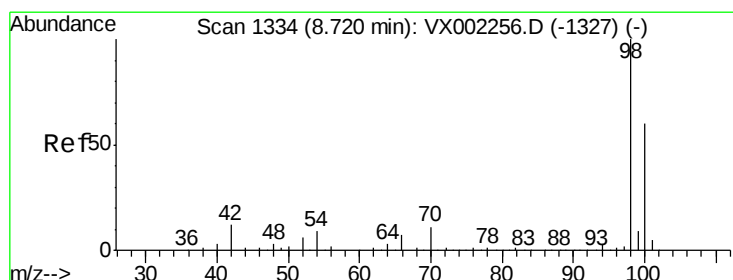
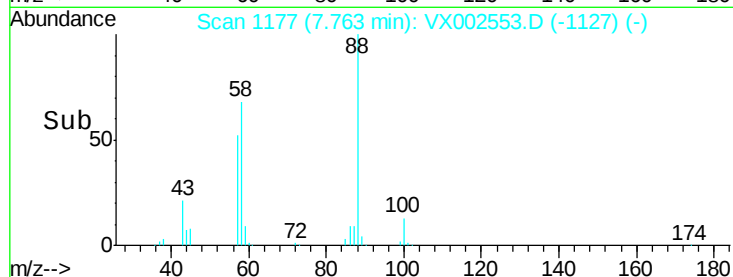
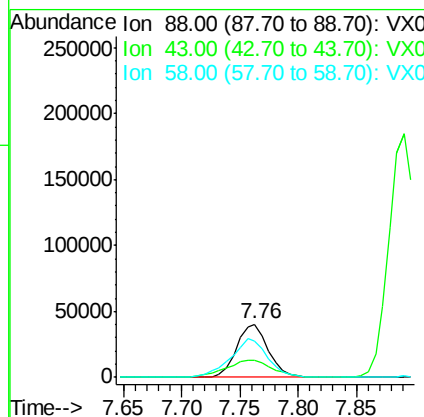
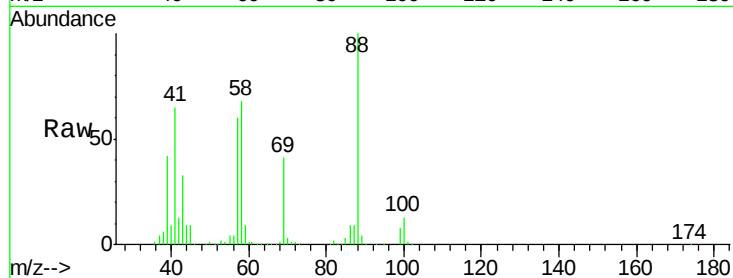
#49
1,4-Dioxane
Concen: 1063.196 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	45.4	29.8	44.6#
58	85.1	57.1	85.7

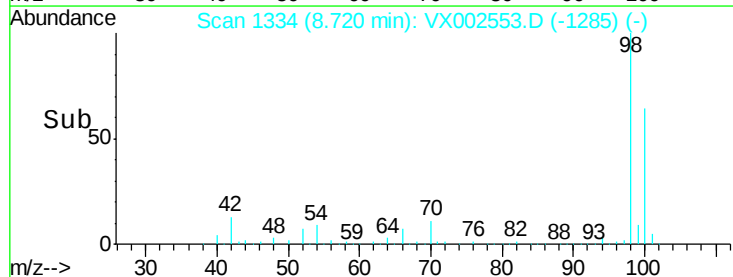
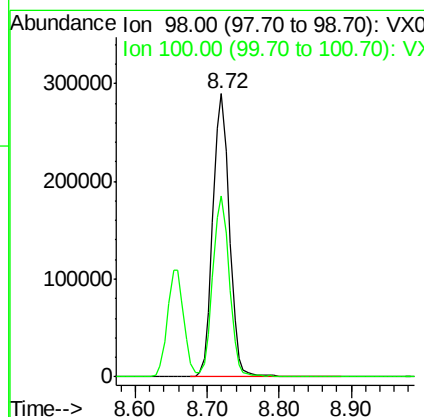
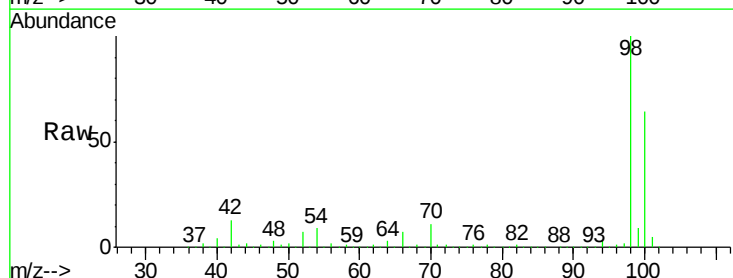
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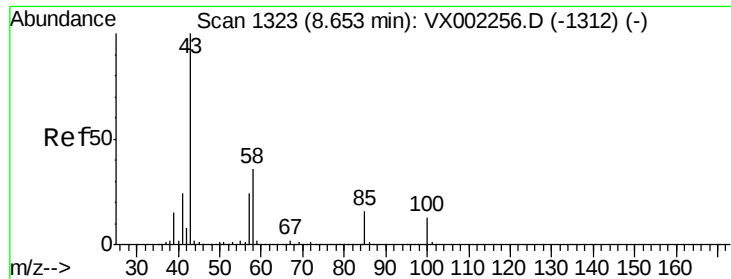
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#50
Toluene-d8
Concen: 43.203 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 270.879 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 43 Resp: 1285648

Ion Ratio Lower Upper

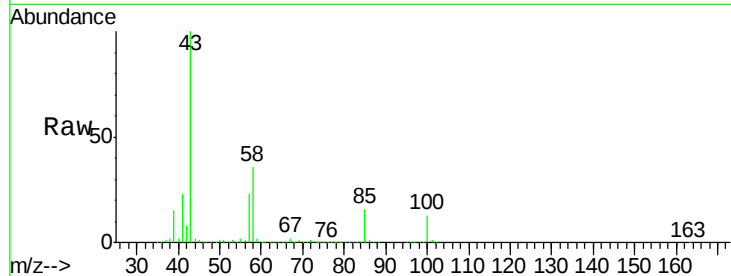
43 100

58 35.8 28.6 42.8

Manual Integrations
APPROVED

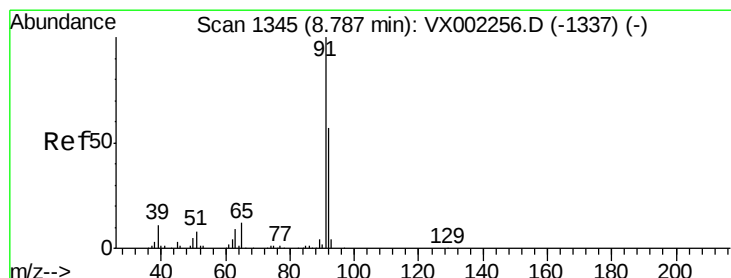
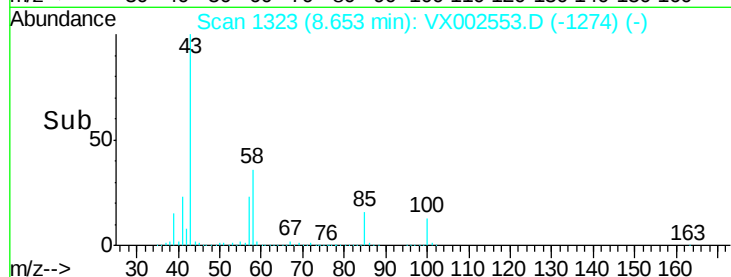
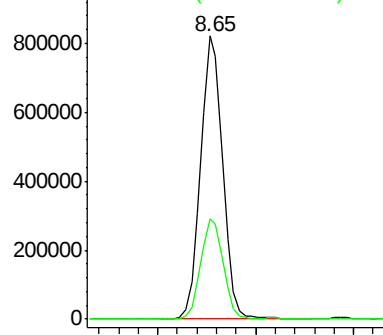
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.721 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002553.D

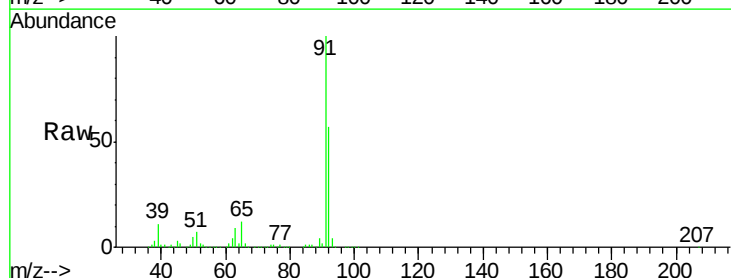
Acq: 14 Jun 2018 15:53

Tgt Ion: 92 Resp: 339954

Ion Ratio Lower Upper

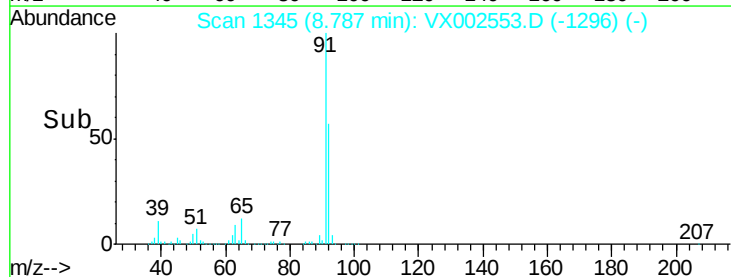
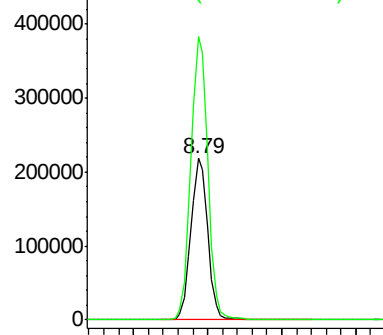
92 100

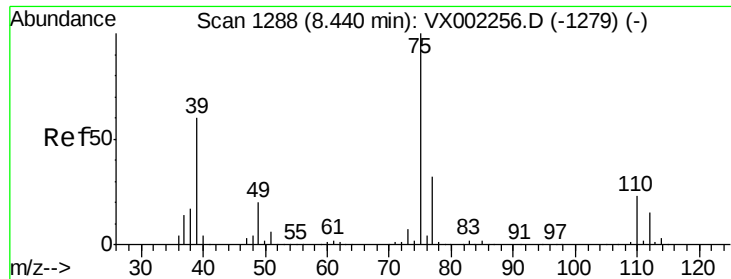
91 176.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





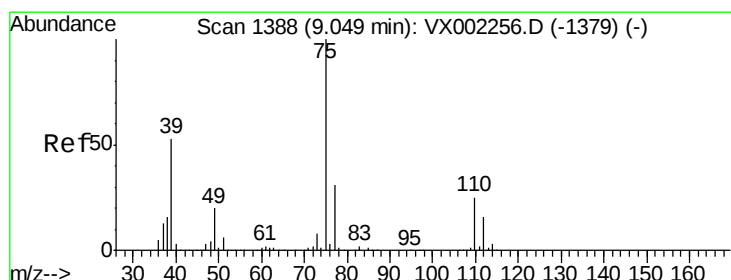
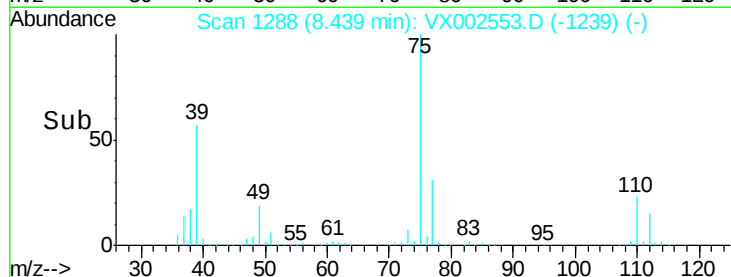
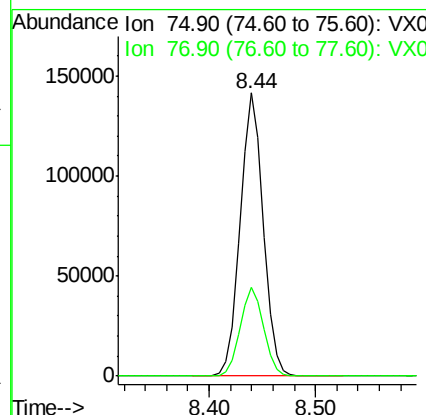
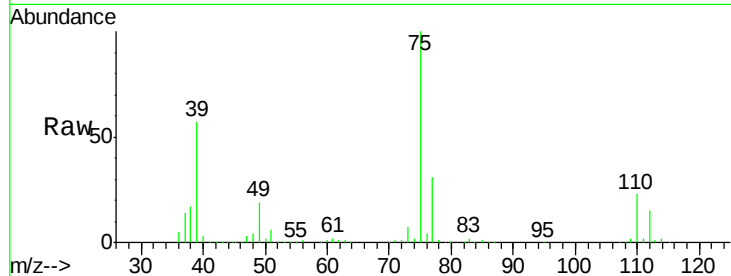
#53
 t-1,3-Dichloropropene
 Concen: 47.478 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion: 75 Resp: 21599
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2

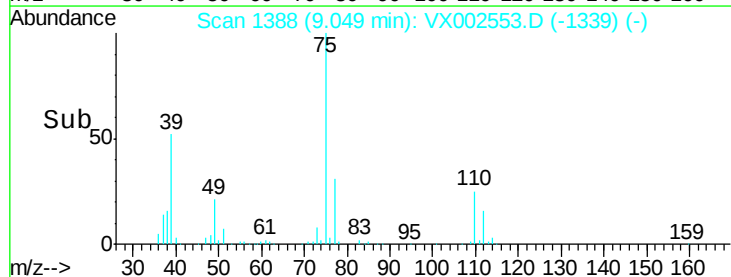
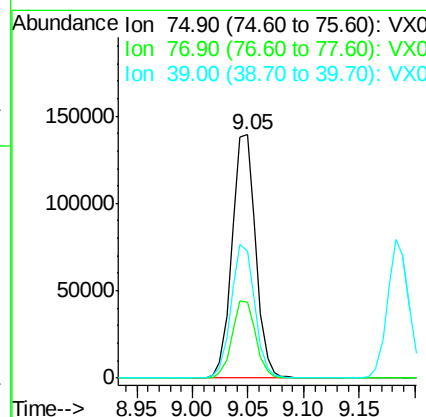
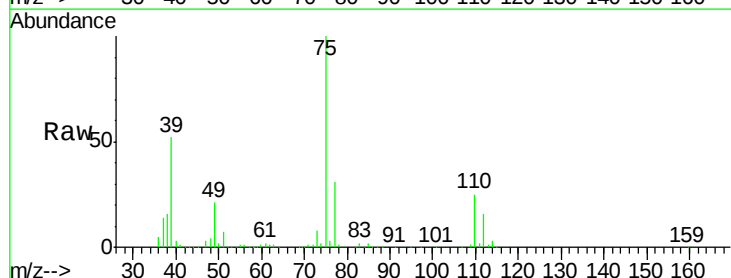
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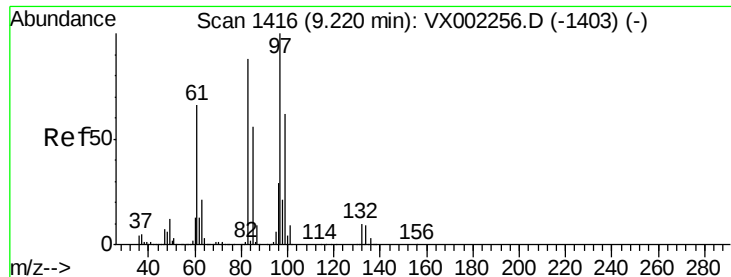
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#54
 cis-1,3-Dichloropropene
 Concen: 47.655 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 75 Resp: 204166
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 51.7 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 49.209 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

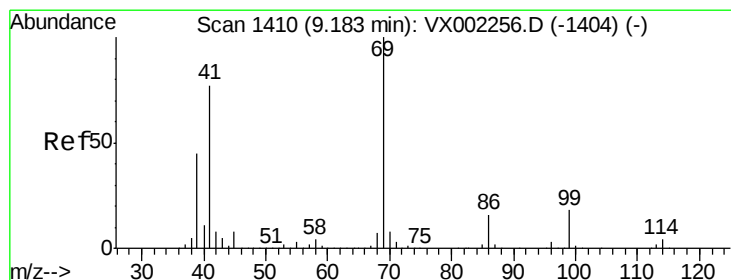
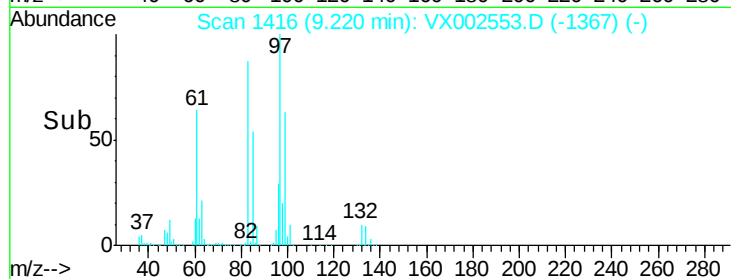
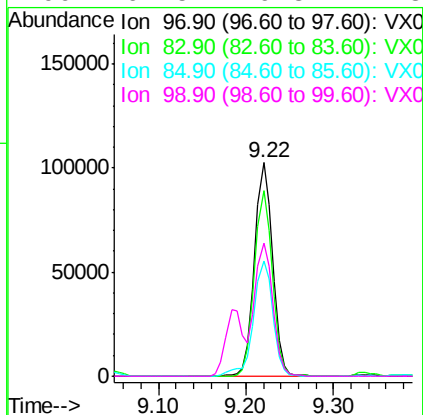
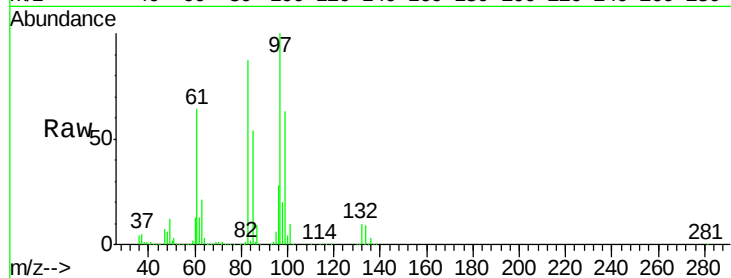
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	97	Resp:	147265
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	54.0	44.9	67.3
99	62.5	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.851 ug/l

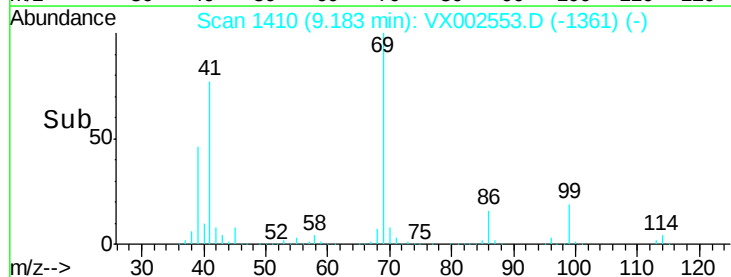
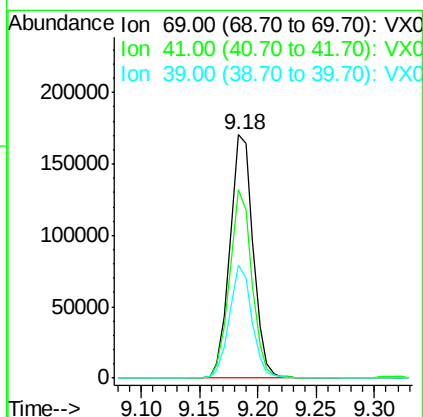
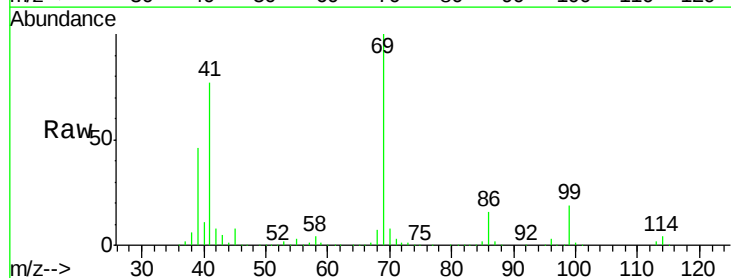
RT: 9.18 min Scan# 1410

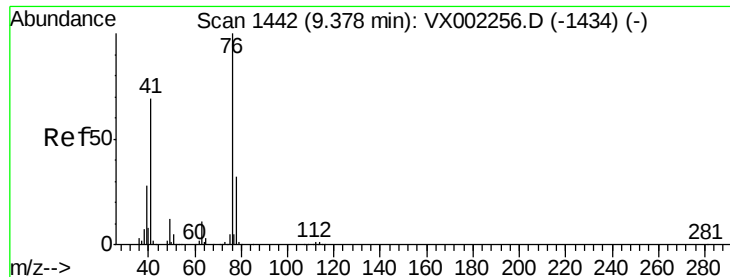
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	69	Resp:	238180
Ion	Ratio	Lower	Upper
69	100		
41	74.2	60.3	90.5
39	44.6	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.468 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 76 Resp: 243337

Ion Ratio Lower Upper

76 100

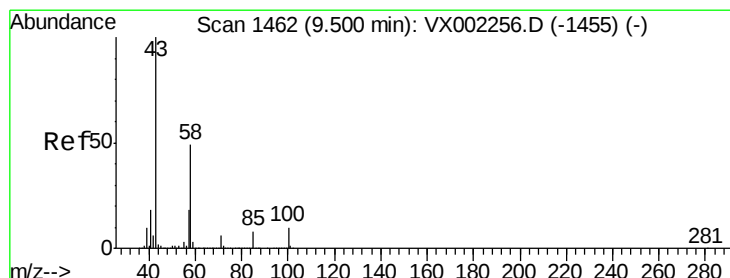
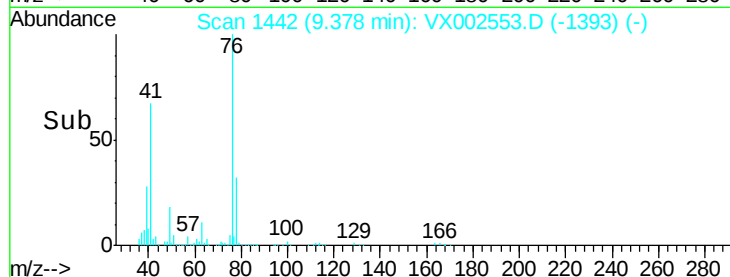
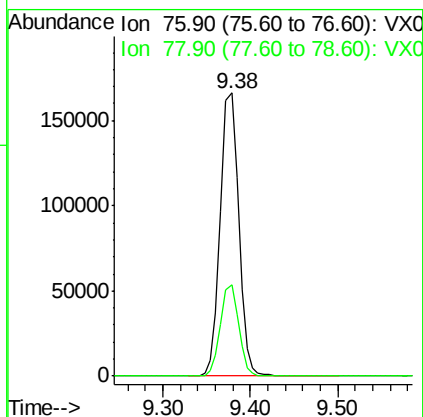
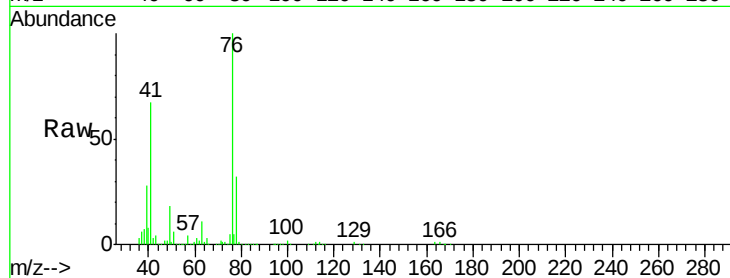
78 32.0 25.8 38.6

Manual Integrations

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#59

2-Hexanone

Concen: 268.827 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002553.D

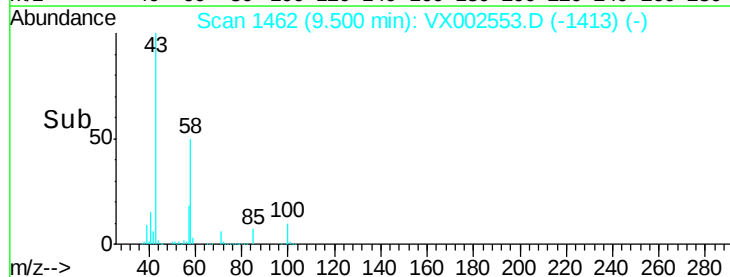
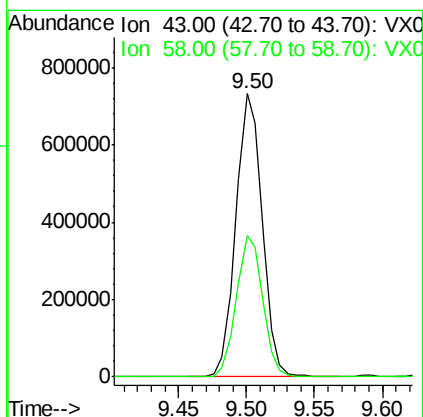
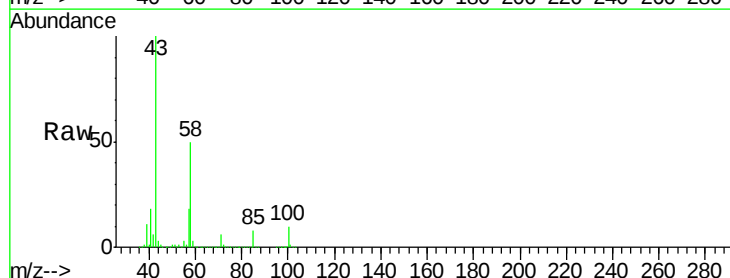
Acq: 14 Jun 2018 15:53

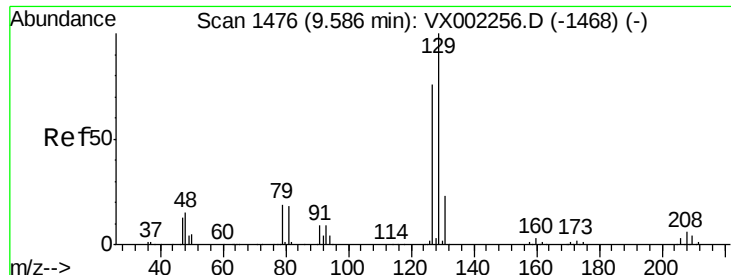
Tgt Ion: 43 Resp: 985519

Ion Ratio Lower Upper

43 100

58 50.1 24.6 73.6





#60

Dibromochloromethane

Concen: 50.352 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion:129 Resp: 151565

Ion Ratio Lower Upper

129 100

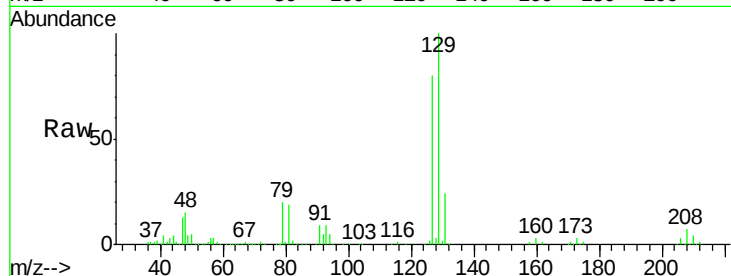
127 77.7 38.5 115.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

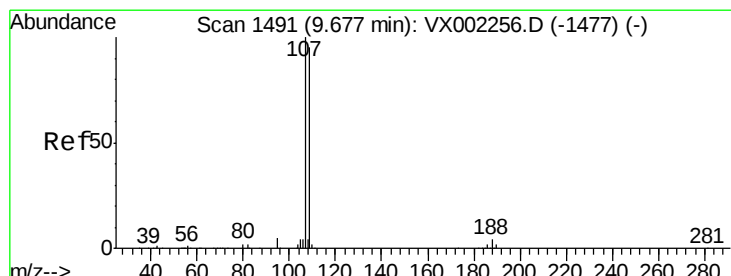
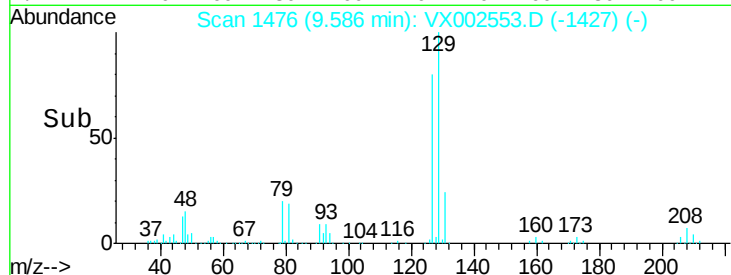
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 49.735 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002553.D

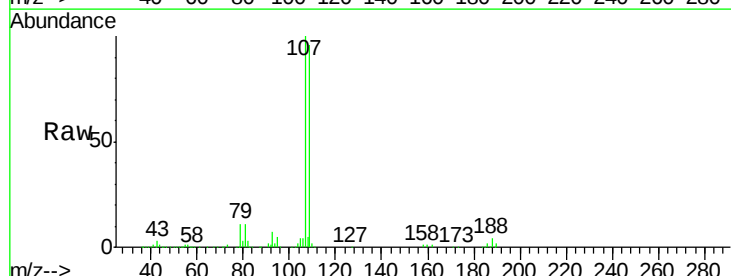
Acq: 14 Jun 2018 15:53

Tgt Ion:107 Resp: 155190

Ion Ratio Lower Upper

107 100

109 95.0 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

120000

100000

80000

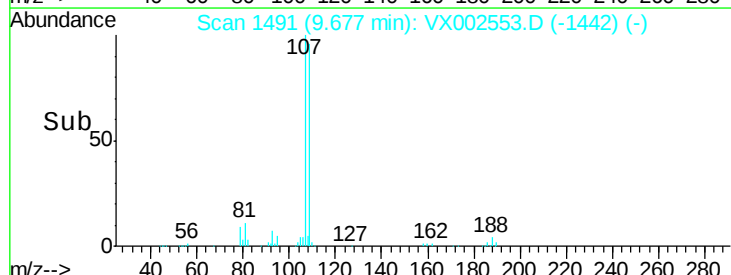
60000

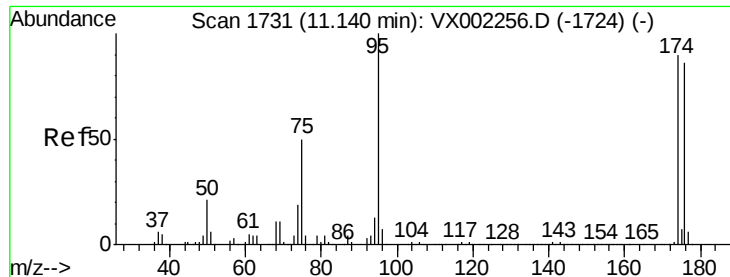
40000

20000

0

Time--> 9.60 9.70 9.80





#62

4-Bromofluorobenzene

Concen: 44.057 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

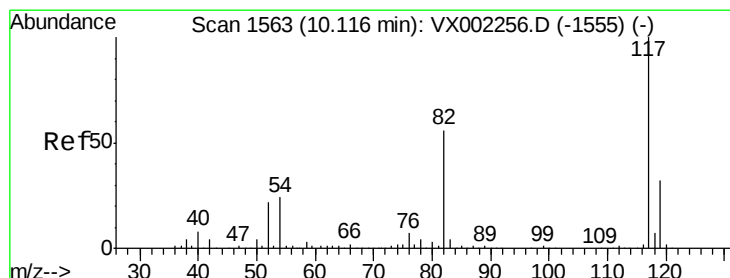
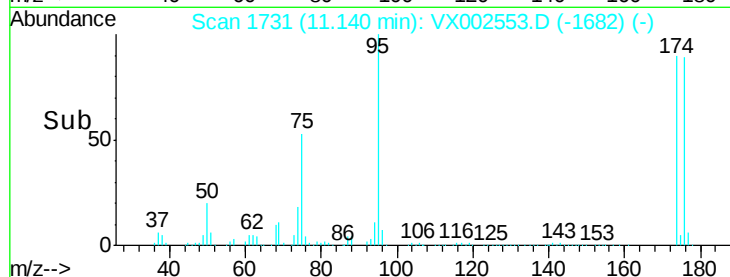
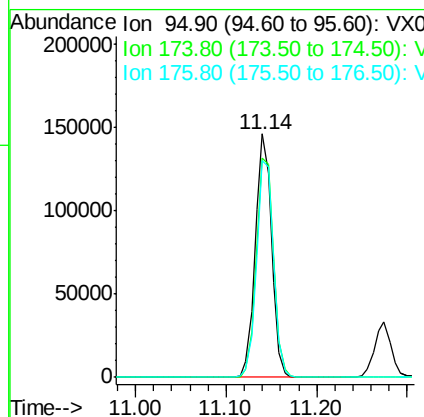
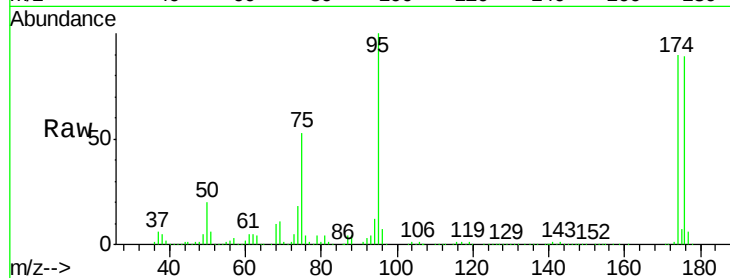
ClientSampleId :

SS050MW513-180607MS

Tot Ion	95	Resp	181746
Ion Ratio	Lower	Upper	
95	100		
174	95.1	0.0	187.4
176	92.5	0.0	181.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

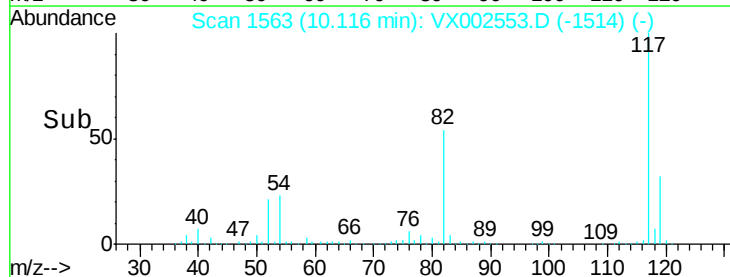
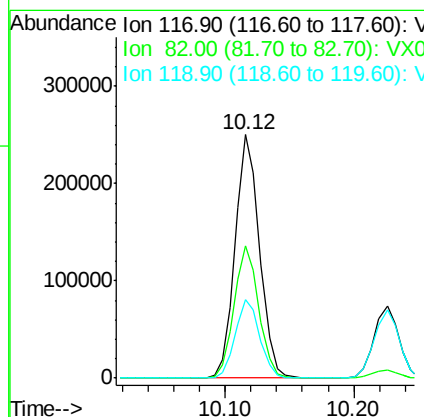
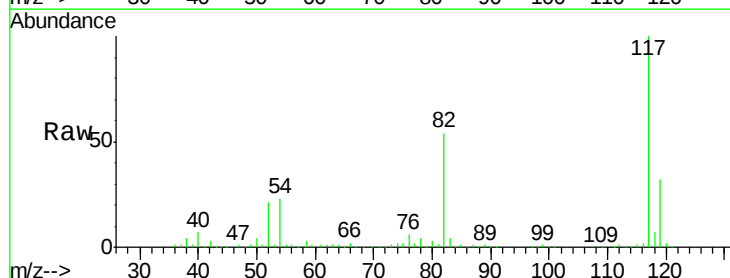
RT: 10.12 min Scan# 1563

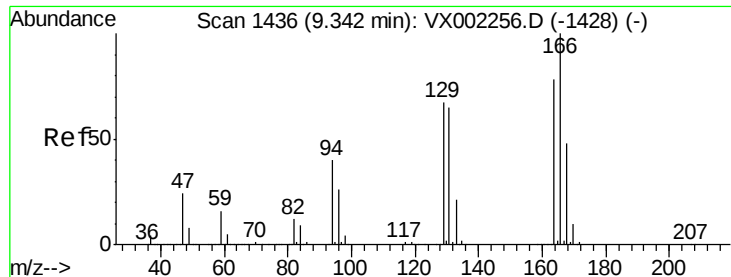
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion	117	Resp	332382
Ion Ratio	Lower	Upper	
117	100		
82	54.1	45.0	67.4
119	32.1	25.8	38.6





#64

Tetrachloroethene

Concen: 40.836 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion:164 Resp: 139984

Ion Ratio Lower Upper

164 100

166 125.2 102.9 154.3

129 83.8 68.6 102.8

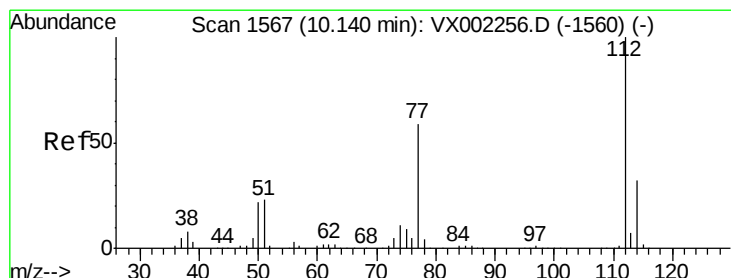
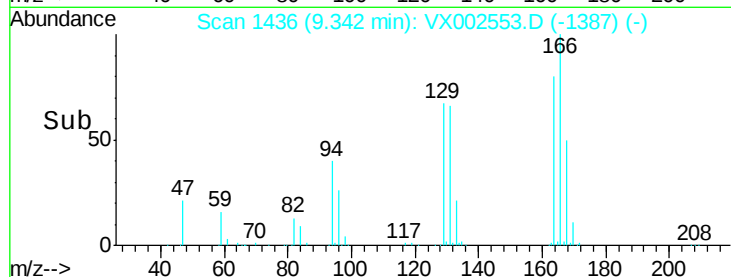
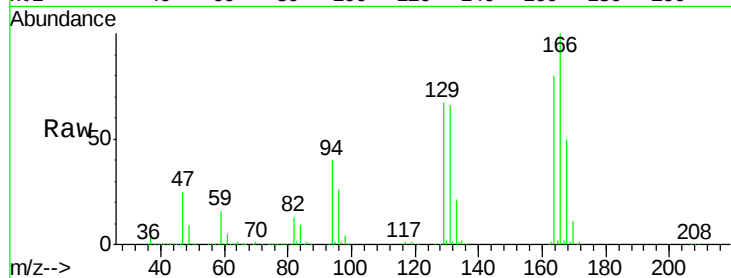
131 82.0 66.8 100.2

Manual Integrations

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#65

Chlorobenzene

Concen: 48.765 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002553.D

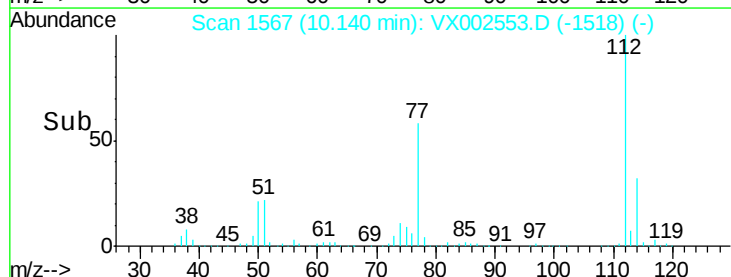
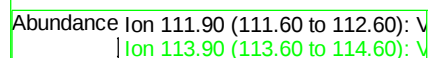
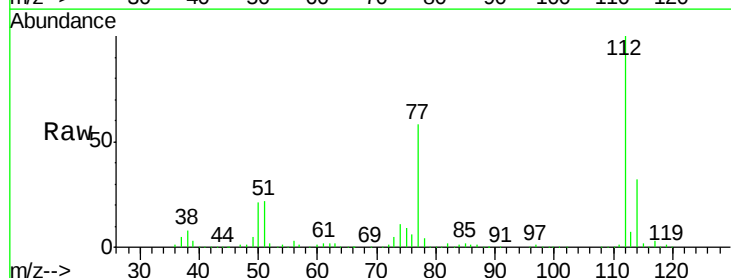
Acq: 14 Jun 2018 15:53

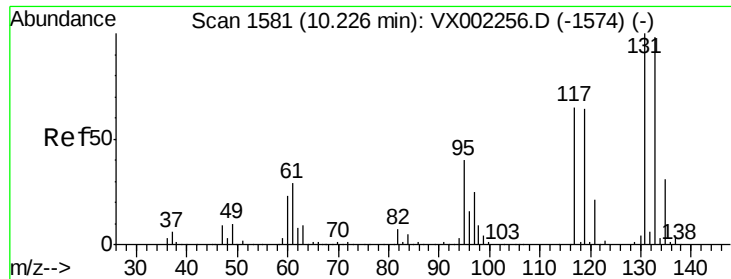
Tgt Ion:112 Resp: 403318

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 49.915 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion:131 Resp: 149482
Ion Ratio Lower Upper

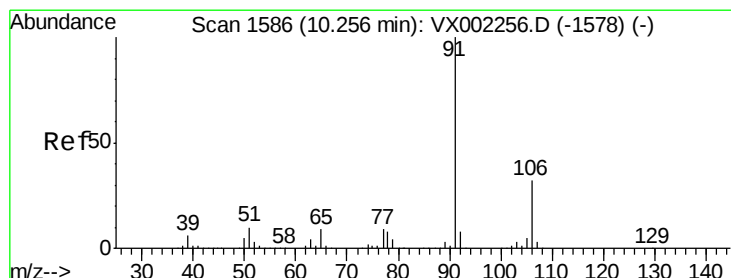
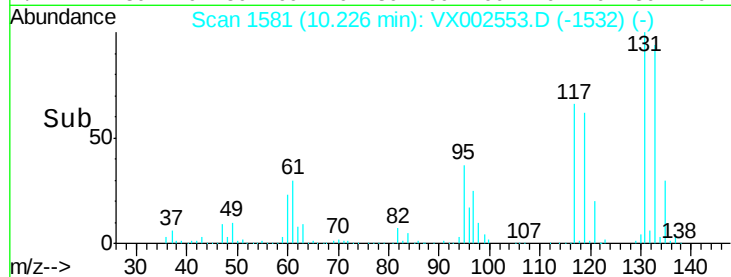
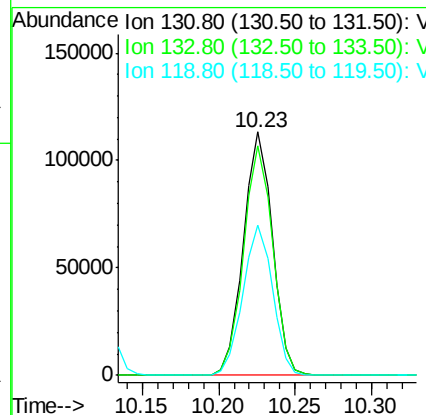
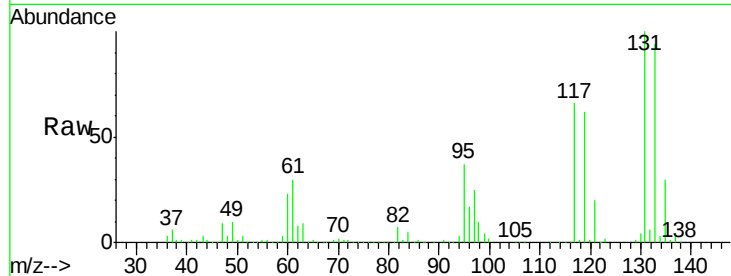
131 100

133 94.7 47.9 143.6

119 63.0 31.8 95.3

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#67

Ethyl Benzene

Concen: 48.919 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

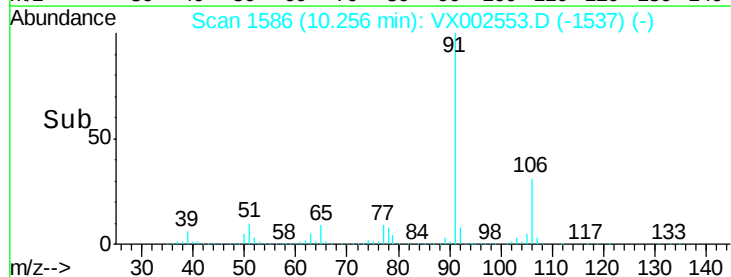
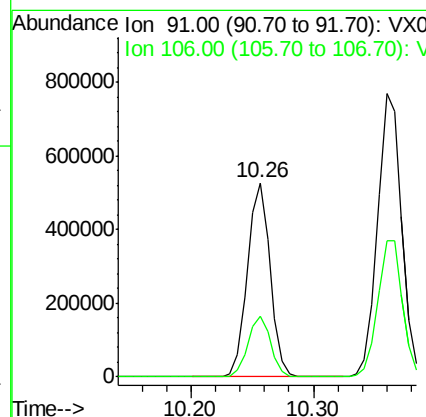
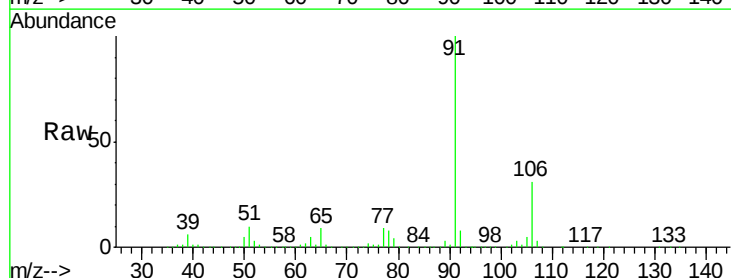
Lab File: VX002553.D

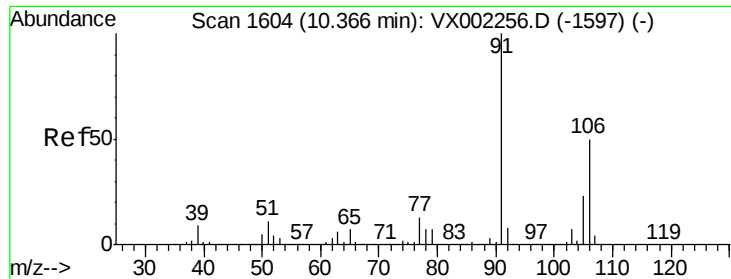
Acq: 14 Jun 2018 15:53

Tgt Ion: 91 Resp: 677090
Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3





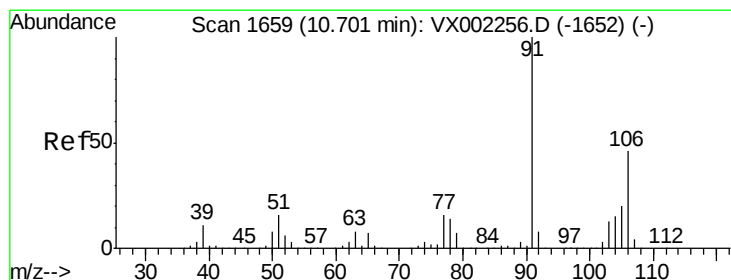
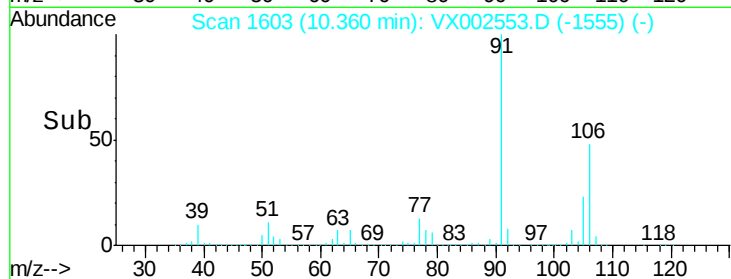
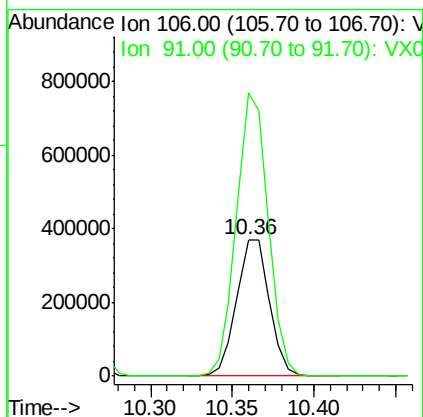
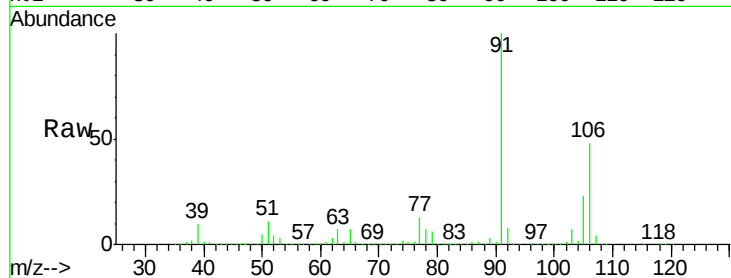
#68
m/p-Xylenes
Concen: 96.567 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion:106 Resp: 519562
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

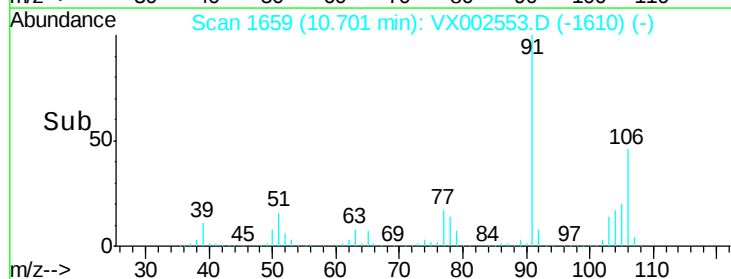
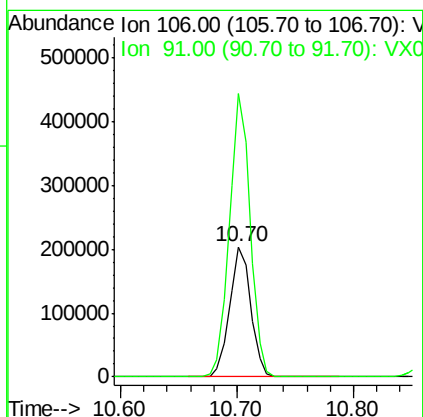
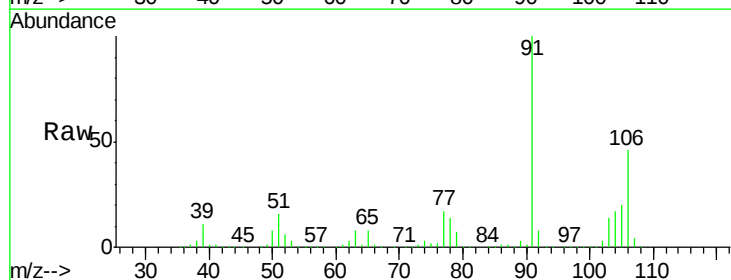
Manual Integrations
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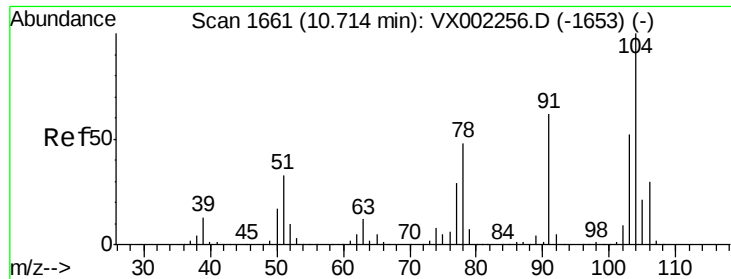
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#69
o-Xylene
Concen: 48.113 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:106 Resp: 257609
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6





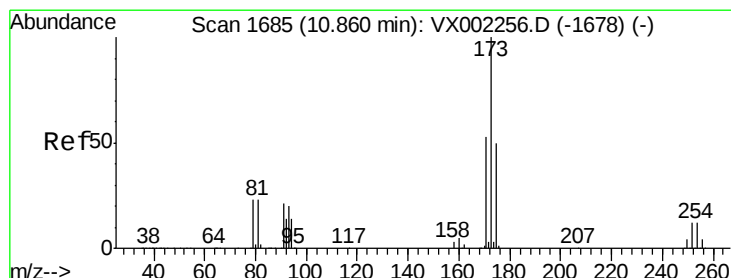
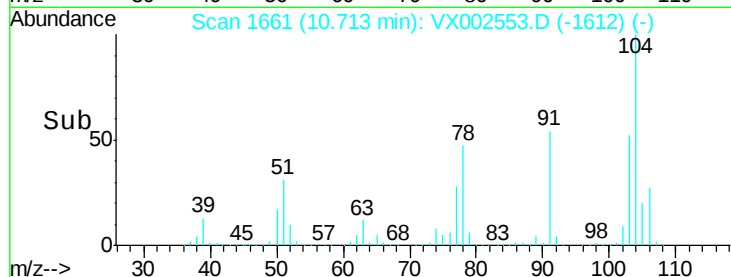
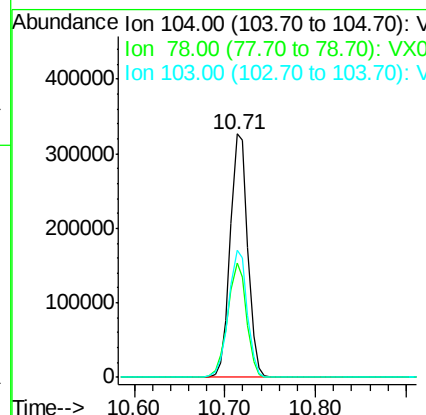
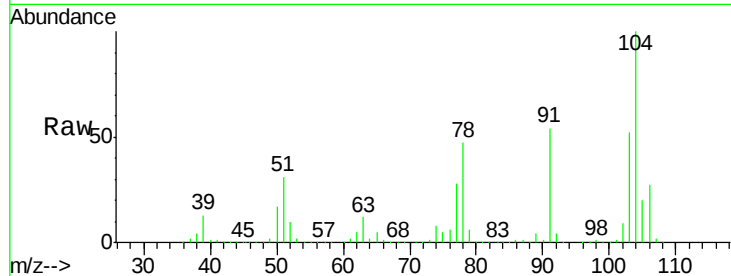
#70
Stvrene
Concen: 50.165 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	41.0	61.6
103	55.9	44.2	66.4

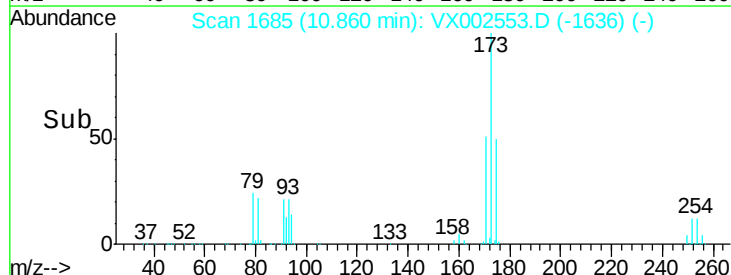
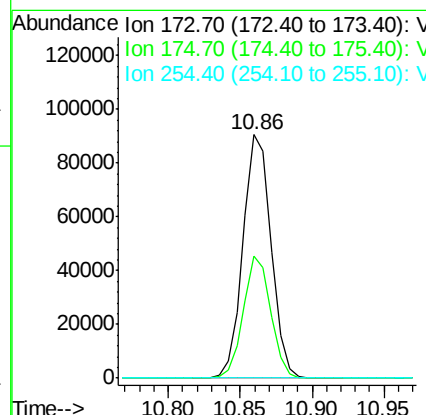
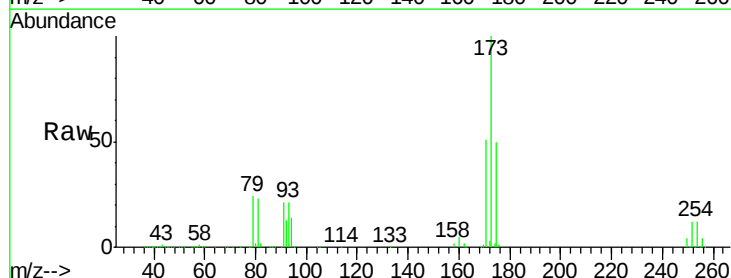
Manual Integrations
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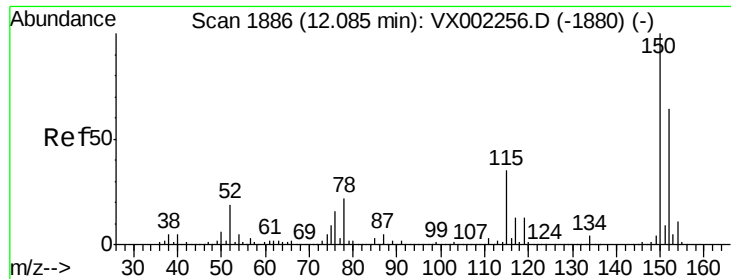
MMDadoda
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#71
Bromoform
Concen: 45.965 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	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: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion:152 Resp: 210543

Ion Ratio Lower Upper

152 100

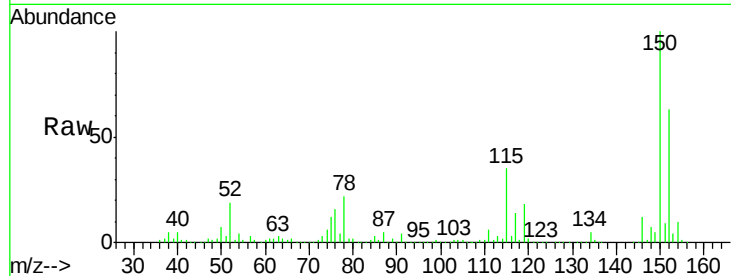
115 77.1 40.1 120.2

150 173.0 0.0 347.2

Manual Integrations
APPROVED

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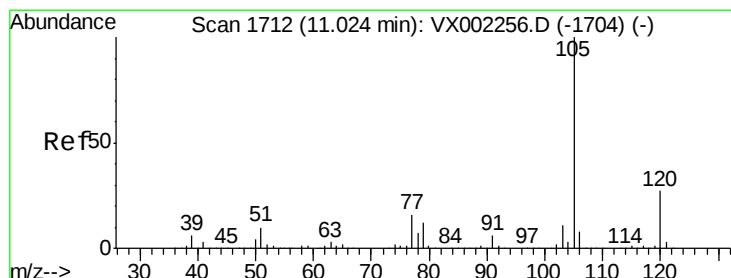
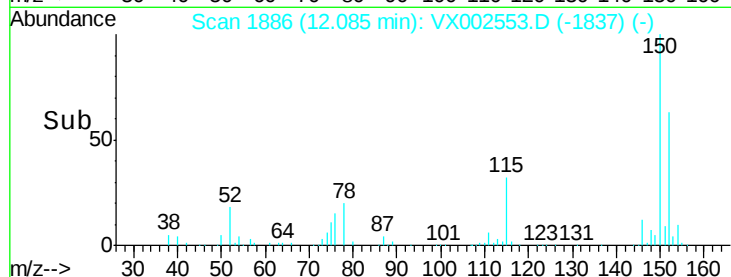
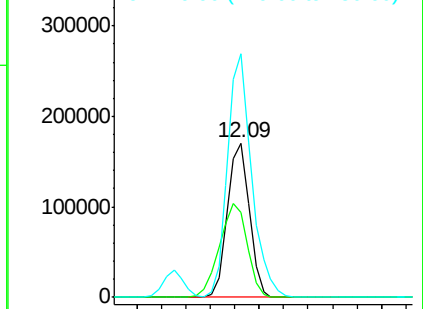
6/15/2018 1:11:51 PM



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: 46.884 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002553.D

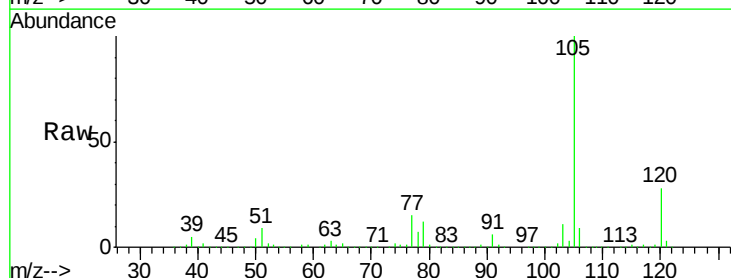
Acq: 14 Jun 2018 15:53

Tgt Ion:105 Resp: 686674

Ion Ratio Lower Upper

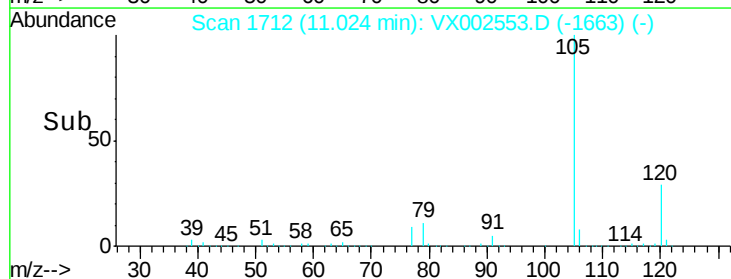
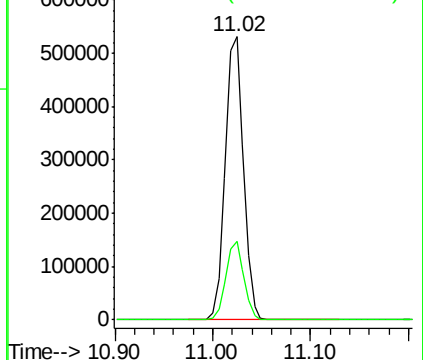
105 100

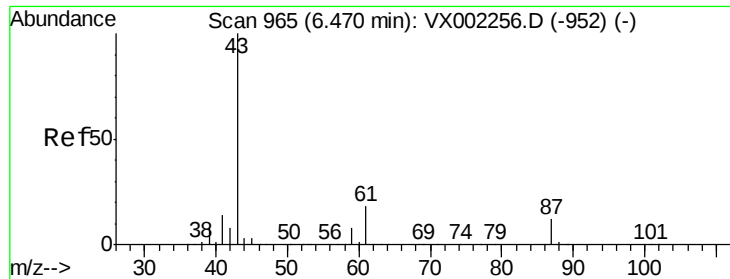
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.150 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 43 Resp: 379998

Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

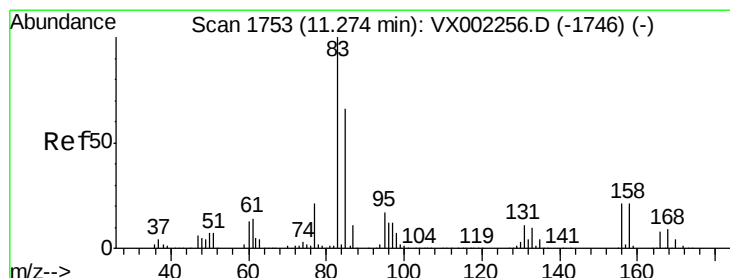
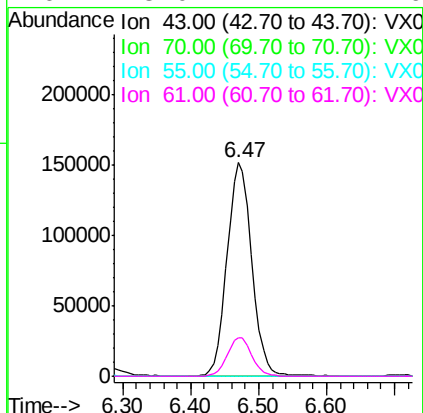
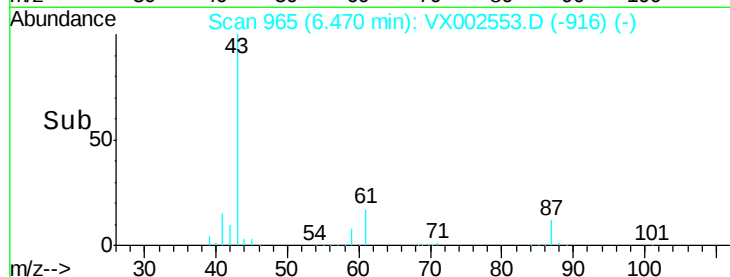
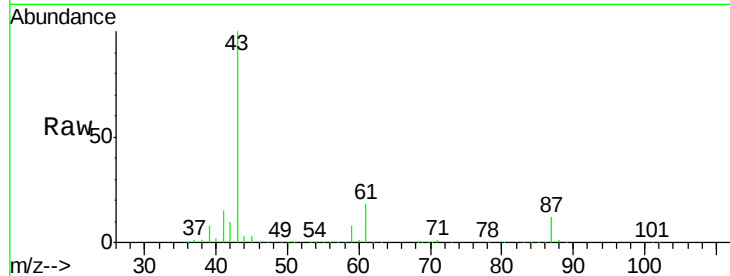
55 0.1 0.0 0.0#

61 18.0 14.4 21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.314 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

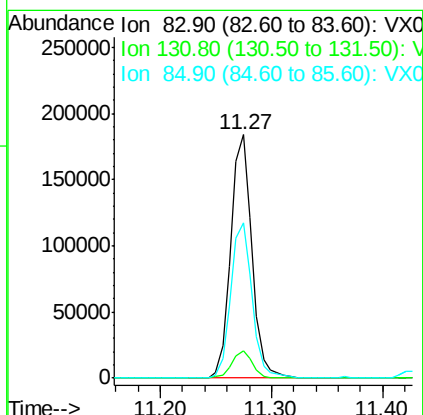
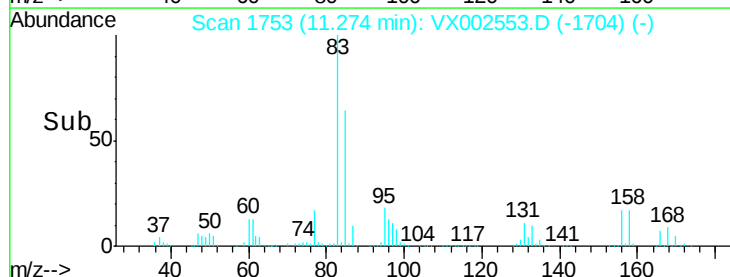
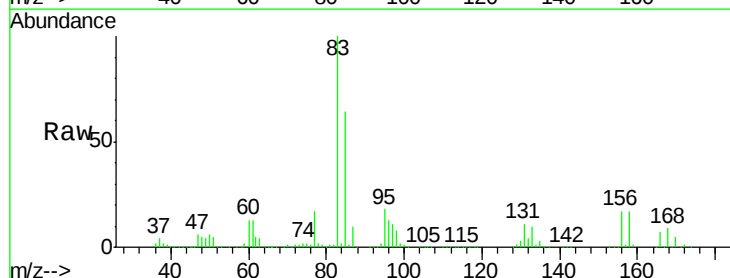
Tgt Ion: 83 Resp: 240985

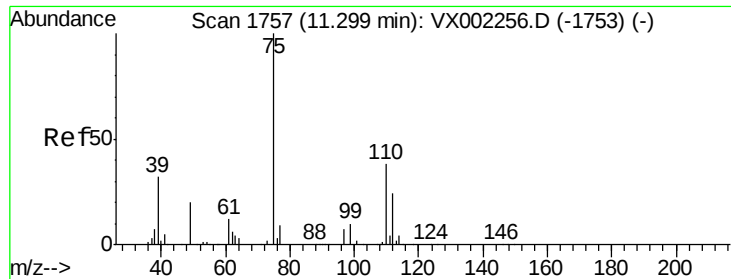
Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.8 32.4 97.2





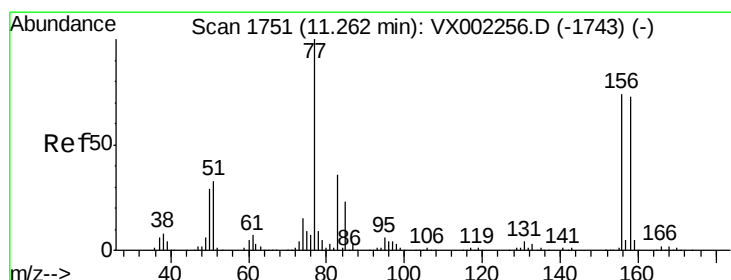
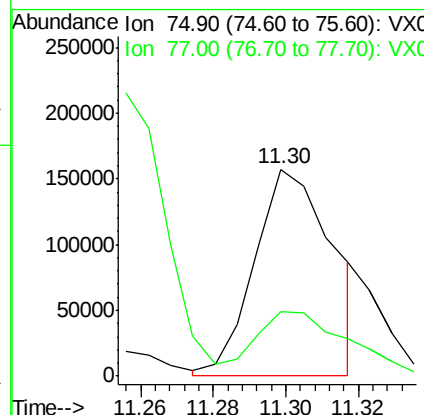
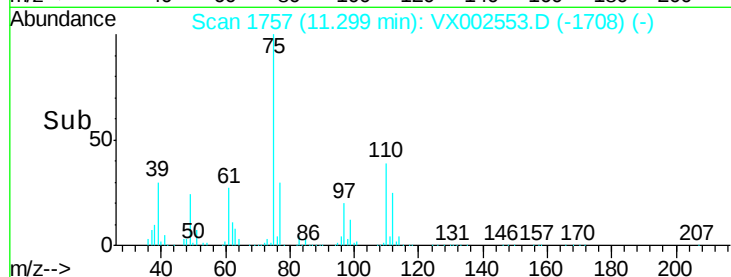
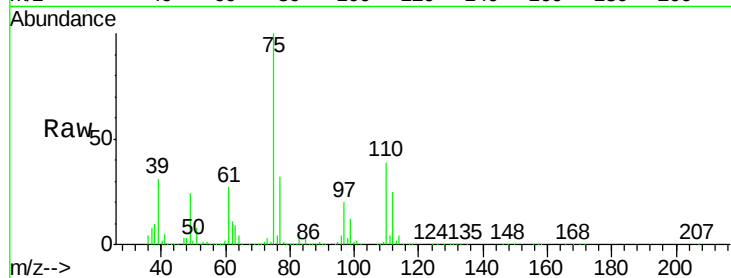
#76
1,2,3-Trichloropropane
Concen: 50.819 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion: 75 Resp: 234776
Ion Ratio Lower Upper
75 100
77 37.6 22.8 68.3

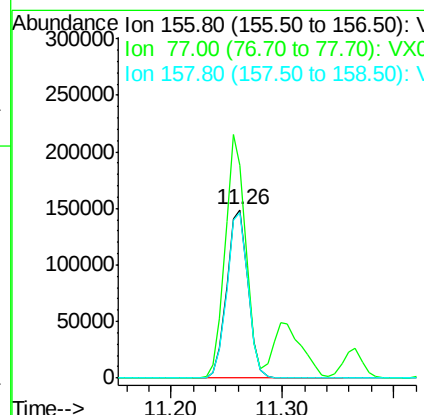
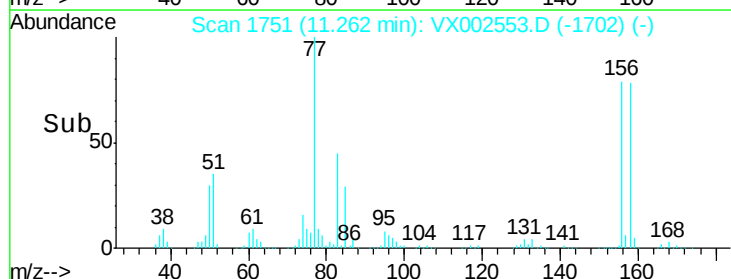
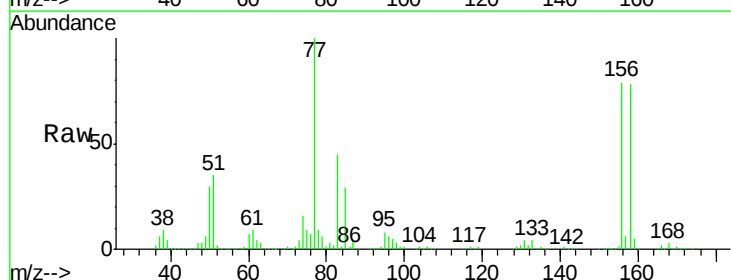
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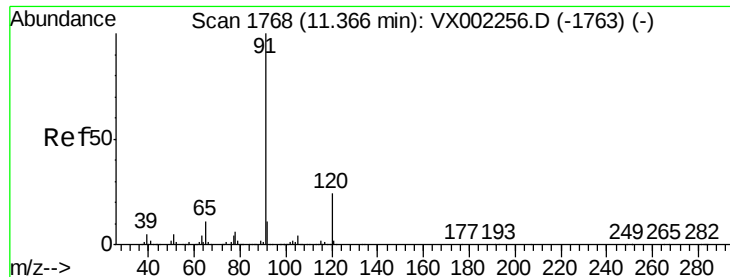
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#77
Bromobenzene
Concen: 47.383 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 156 Resp: 194830
Ion Ratio Lower Upper
156 100
77 140.2 71.4 214.2
158 98.5 48.9 146.6





#78

n-propylbenzene

Concen: 47.912 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-180607MS

Tot Ion: 91 Resp: 779967

Ion Ratio Lower Upper

91 100

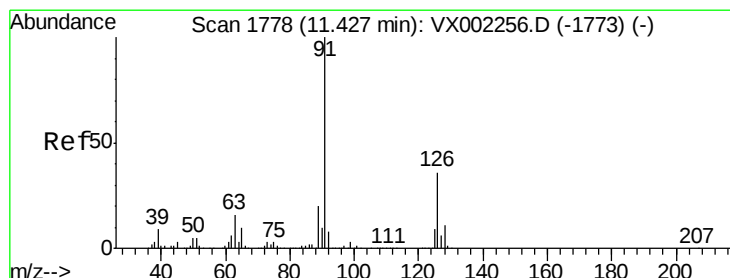
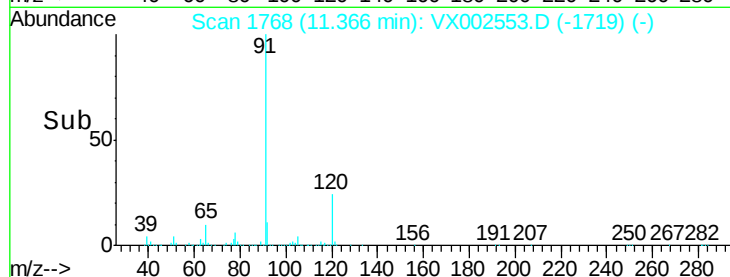
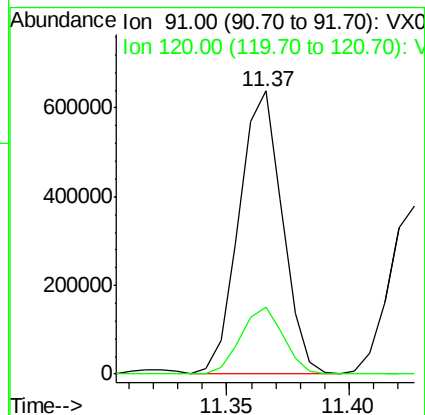
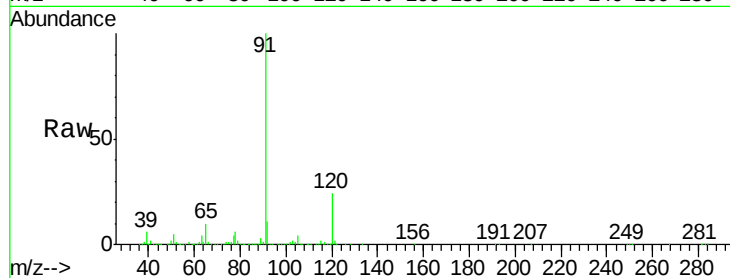
120 23.7 11.8 35.4

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#79

2-Chlorotoluene

Concen: 45.287 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002553.D

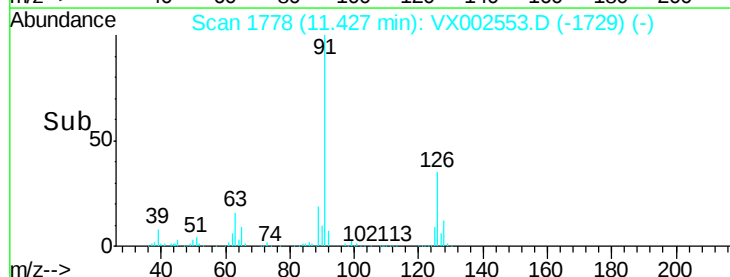
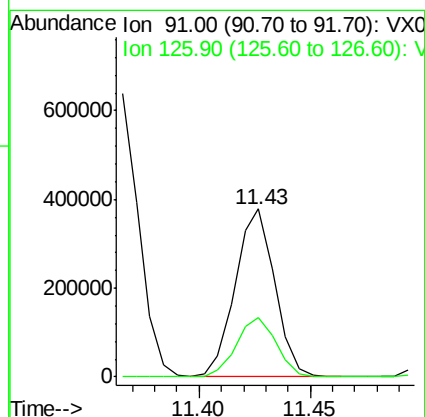
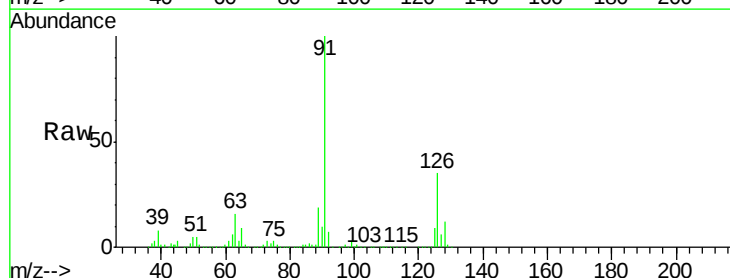
Acq: 14 Jun 2018 15:53

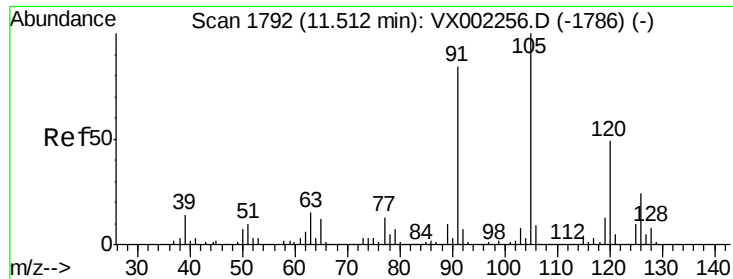
Tgt Ion: 91 Resp: 465511

Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1





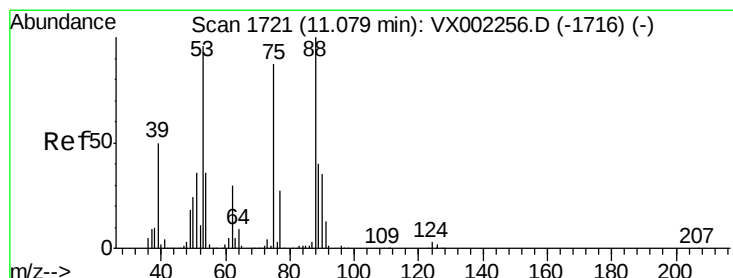
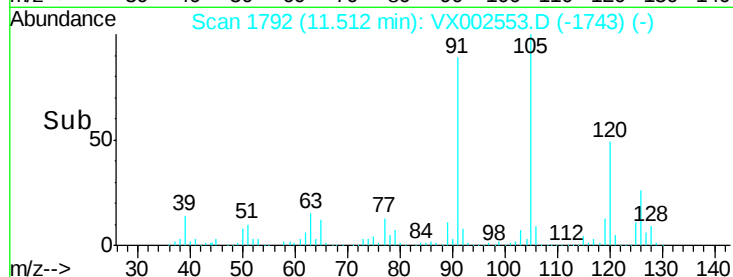
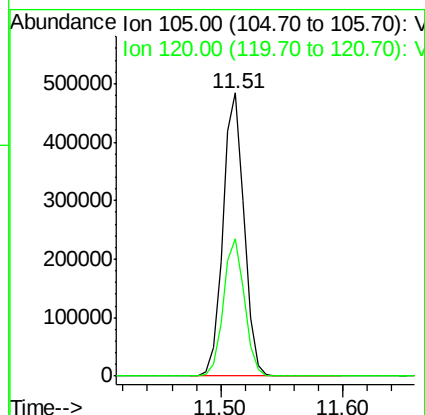
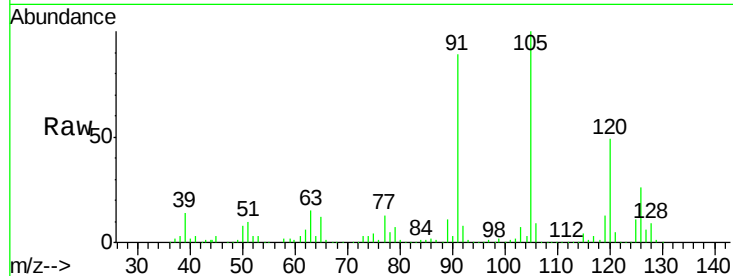
#80
 1,3,5-Trimethylbenzene
 Concen: 45.862 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion:105 Resp: 576135
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4

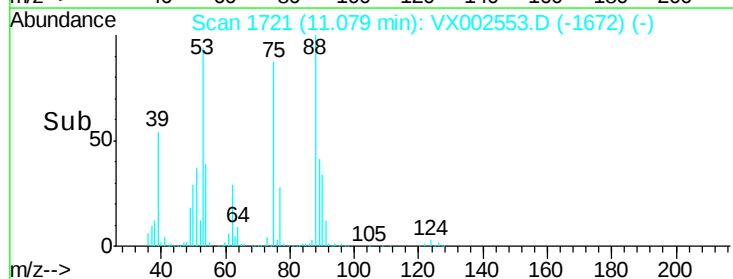
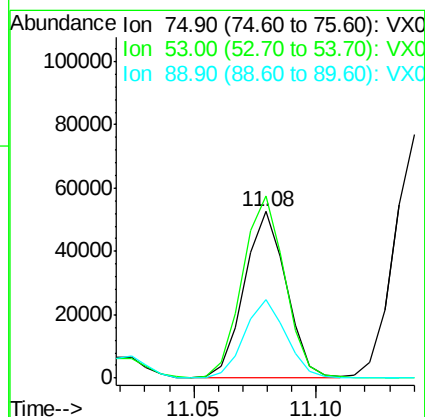
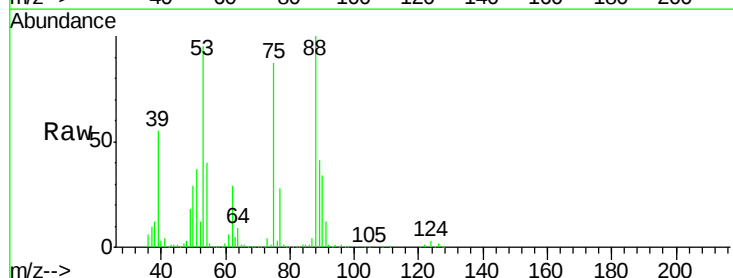
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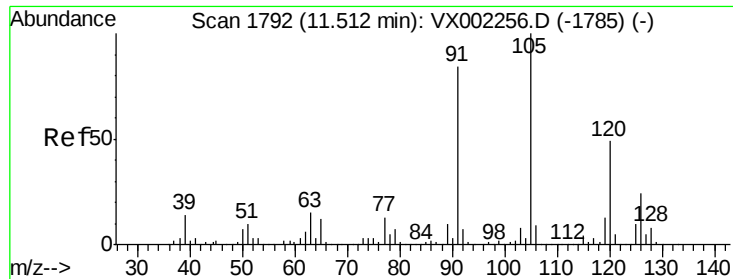
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.495 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 75 Resp: 62596
 Ion Ratio Lower Upper
 75 100
 53 110.5 86.8 130.2
 89 47.2 38.2 57.2





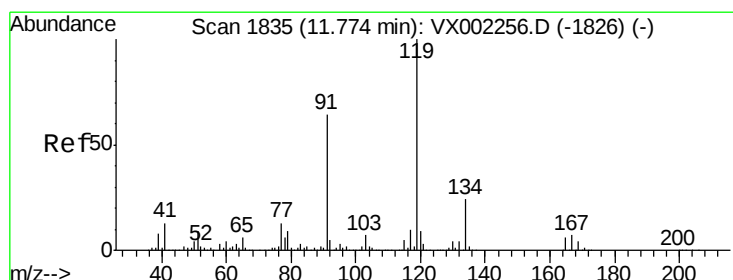
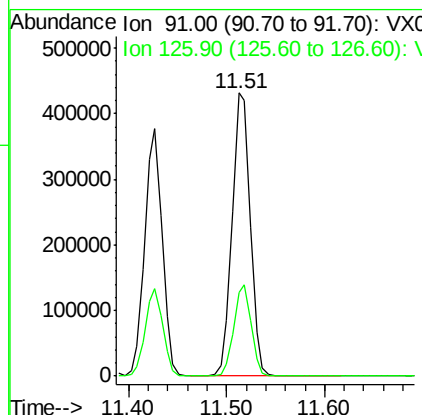
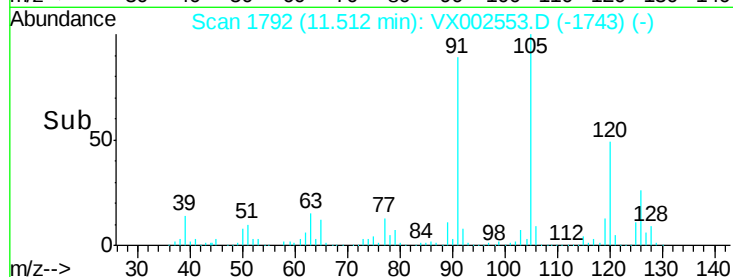
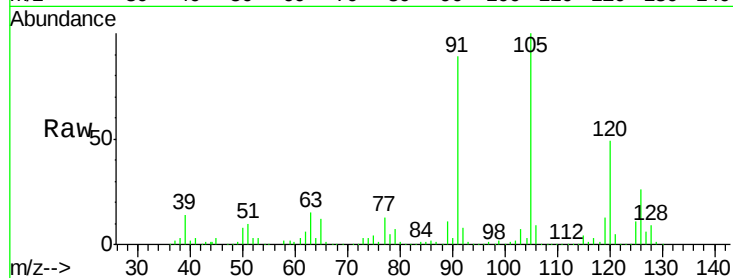
#82
4-Chlorotoluene
Concen: 46.862 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion: 91 Resp: 556009
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4

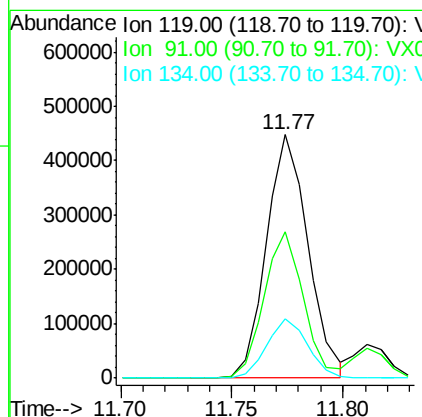
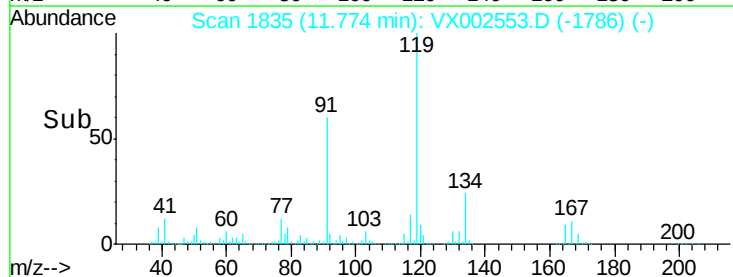
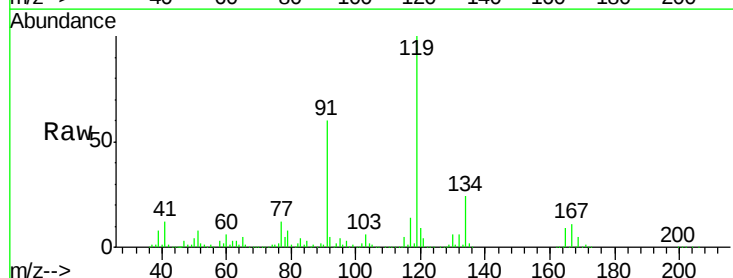
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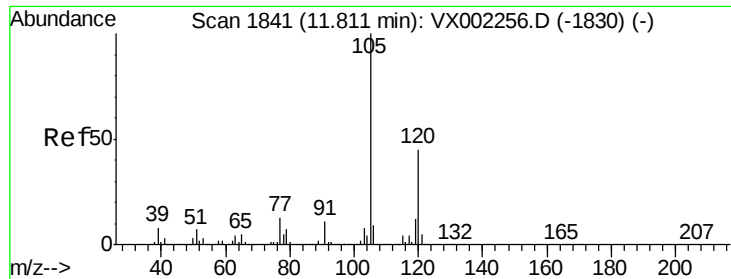
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#83
tert-Butylbenzene
Concen: 47.555 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 119 Resp: 581751
Ion Ratio Lower Upper
119 100
91 57.3 30.3 90.9
134 23.8 11.7 35.1





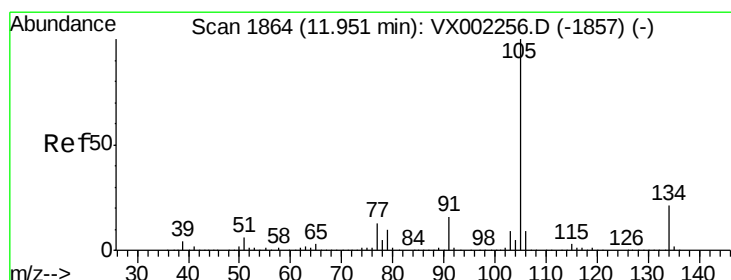
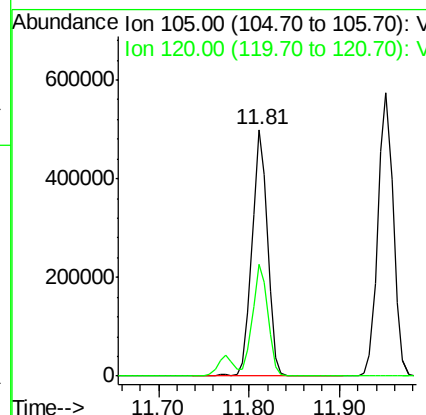
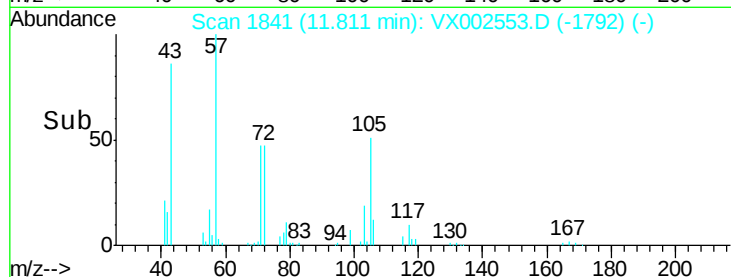
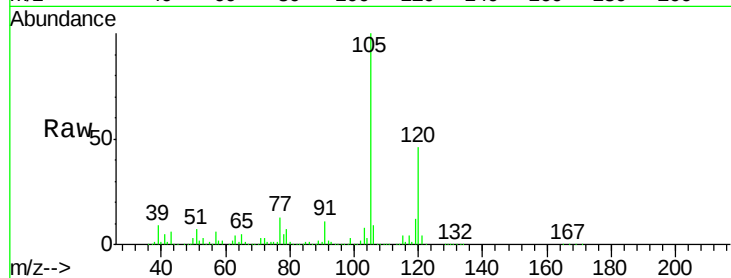
#84
 1,2,4-Trimethylbenzene
 Concen: 45.832 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion:105 Resp: 592687
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8

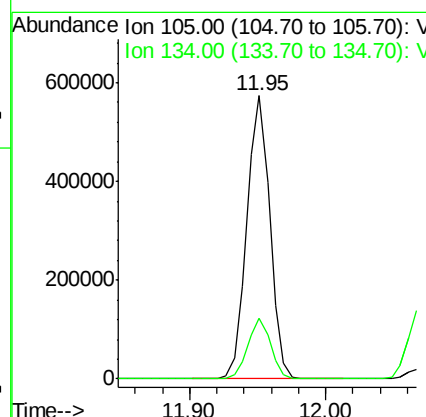
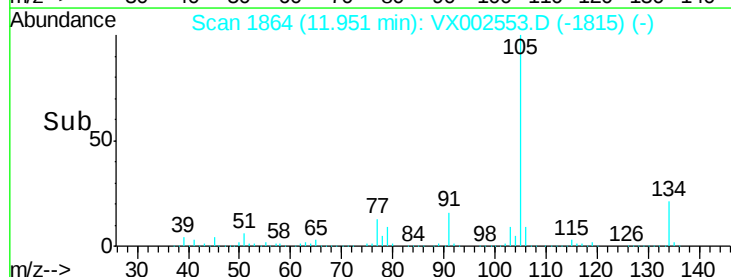
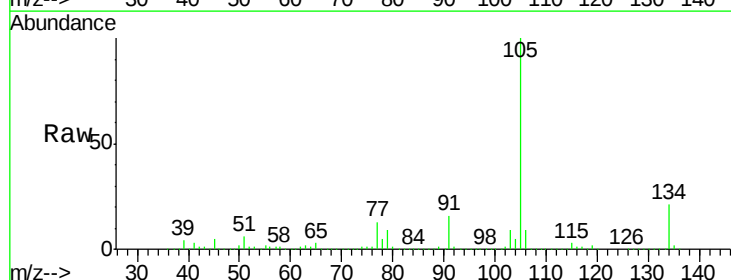
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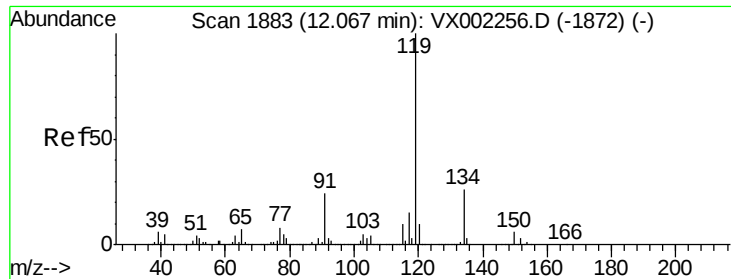
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#85
 sec-Butylbenzene
 Concen: 47.164 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion:105 Resp: 676391
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 47.138 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

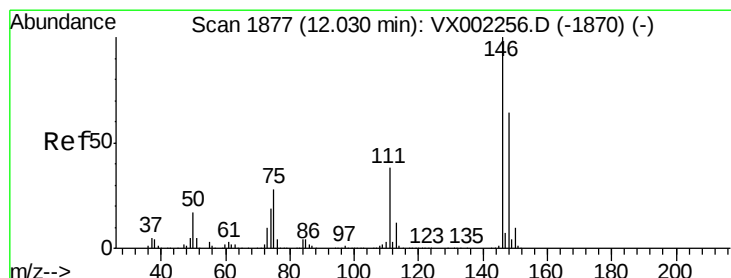
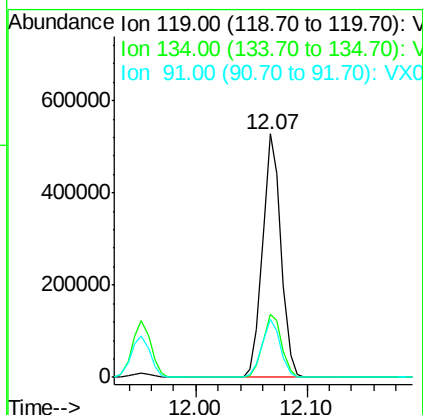
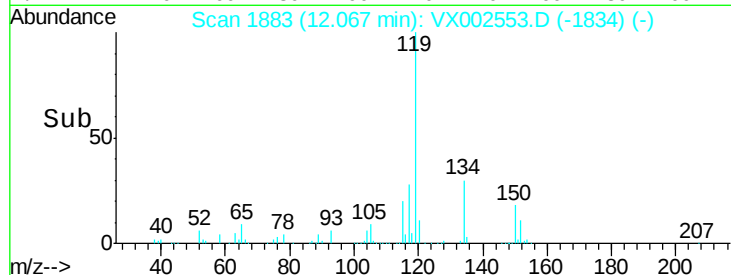
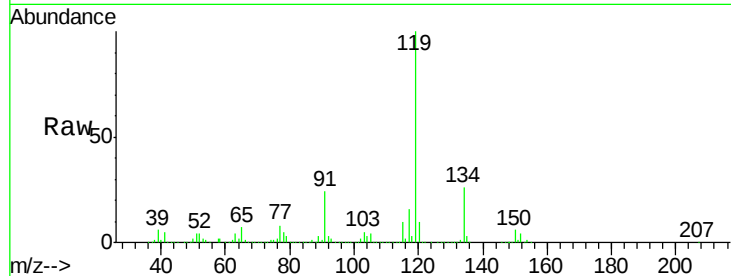
ClientSampleId :

SS050MW513-180607MS

Tot Ion:	119	Resp:	615765
Ion Ratio		Lower	Upper
119	100		
134	26.8	13.4	40.1
91	23.7	11.9	35.7

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#87

1,3-Dichlorobenzene

Concen: 47.851 ug/l

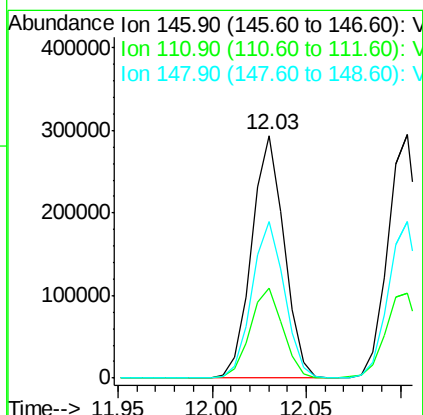
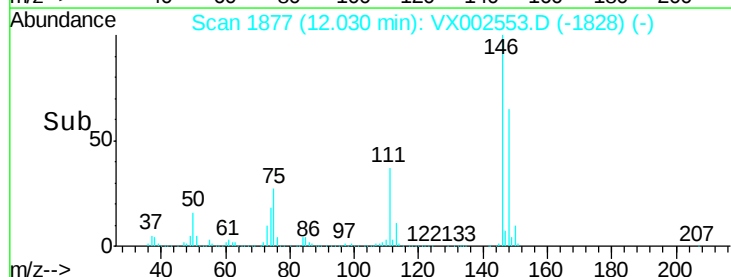
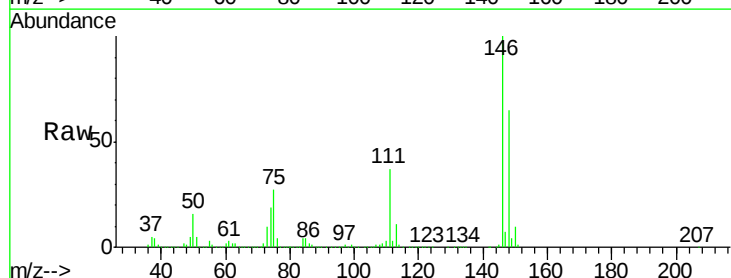
RT: 12.03 min Scan# 1877

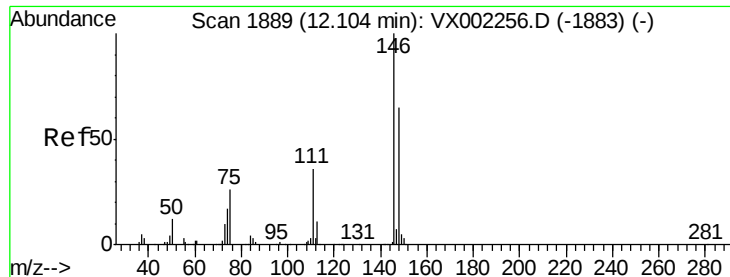
Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion:	146	Resp:	351804
Ion Ratio		Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.6	32.1	96.3





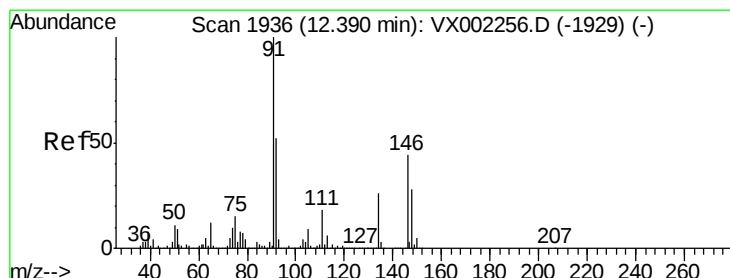
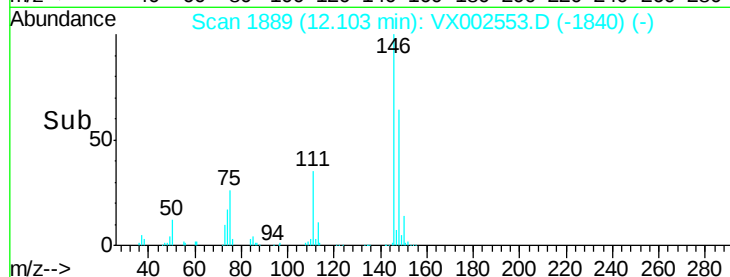
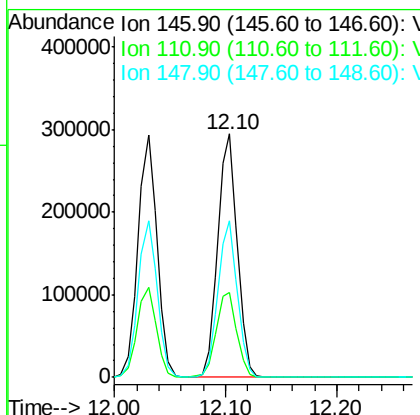
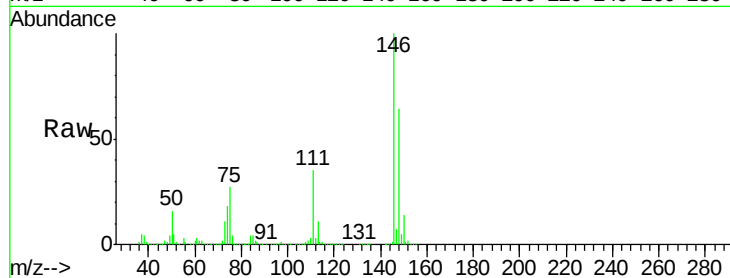
#88
 1,4-Dichlorobenzene
 Concen: 47.212 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	63.9	32.4	97.0

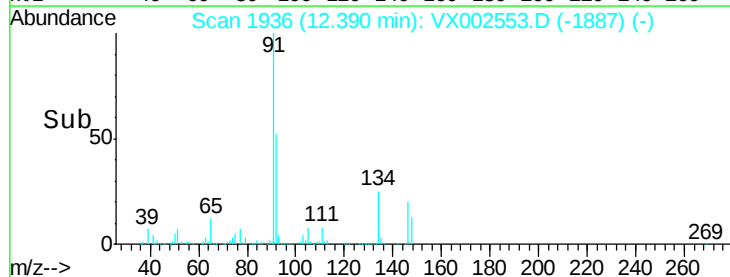
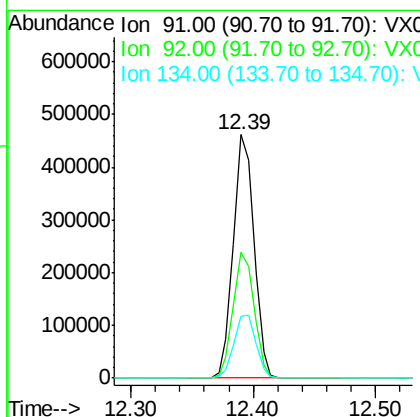
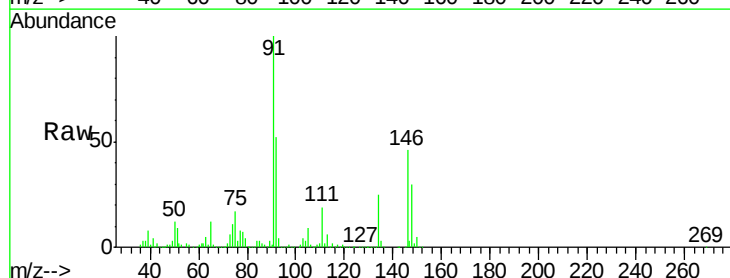
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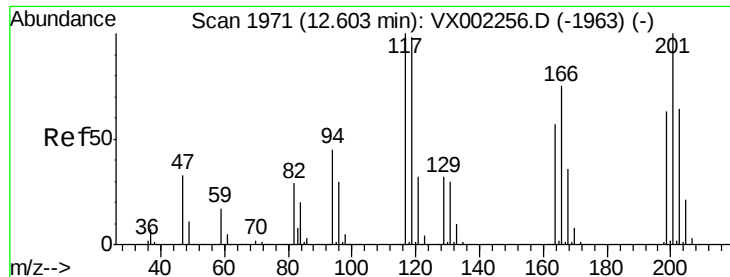
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#89
 n-Butylbenzene
 Concen: 49.058 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.3	13.5	40.5





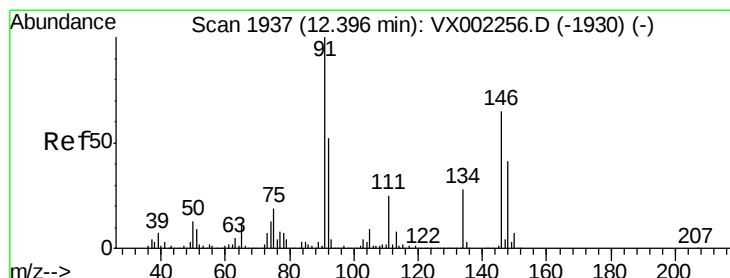
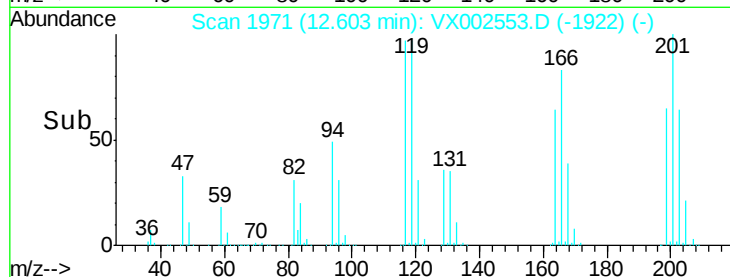
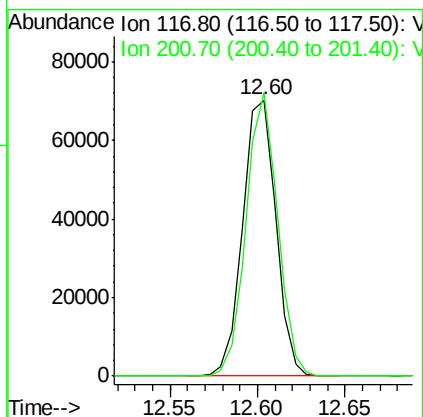
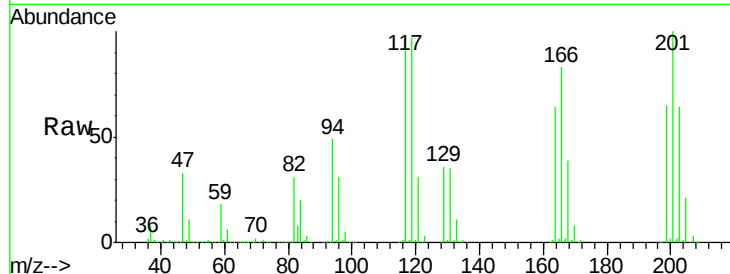
#90
Hexachloroethane
Concen: 44.605 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Tot Ion:117 Resp: 93012
Ion Ratio Lower Upper
117 100
201 97.0 49.0 147.0

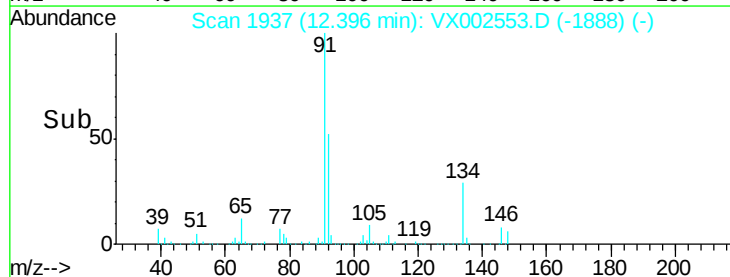
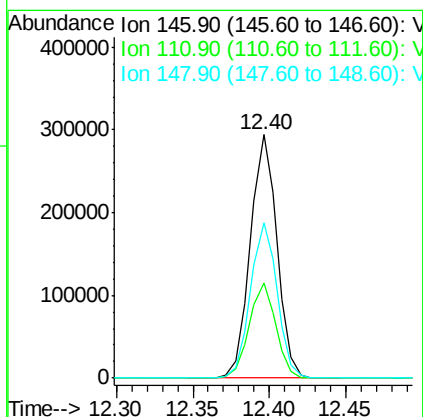
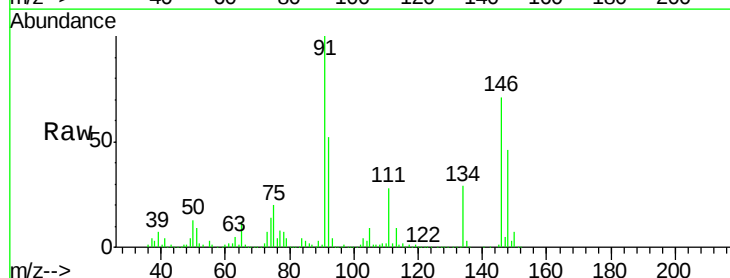
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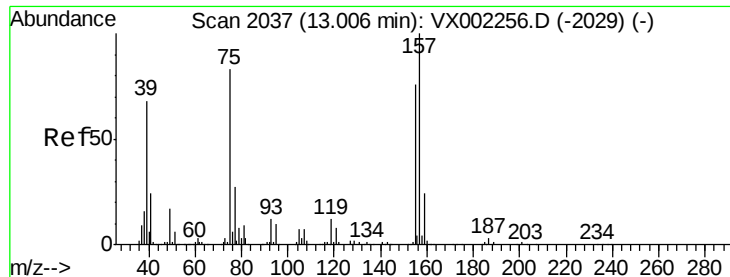
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#91
1,2-Dichlorobenzene
Concen: 46.793 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:146 Resp: 355944
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.1
148 64.0 31.7 95.1





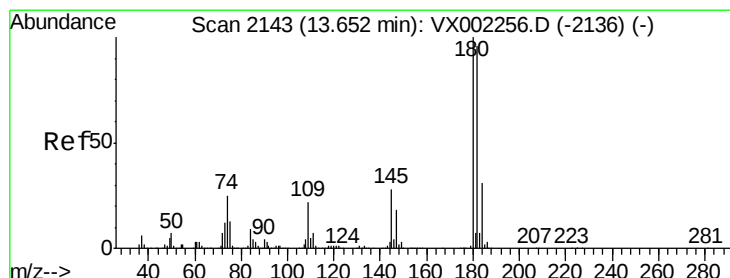
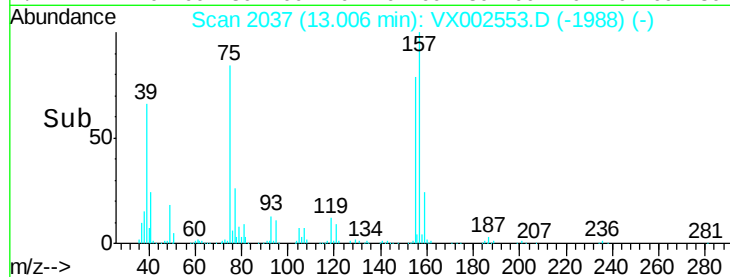
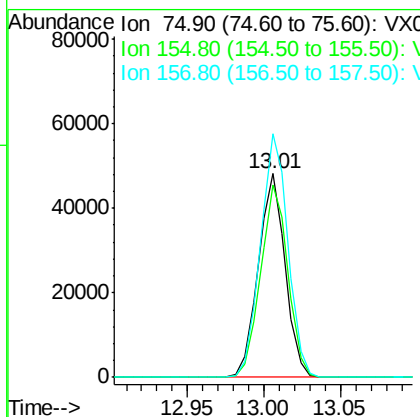
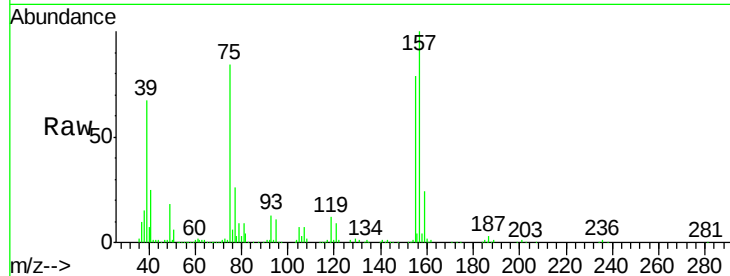
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.615 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.7	45.8	137.4
157	122.3	60.1	180.3

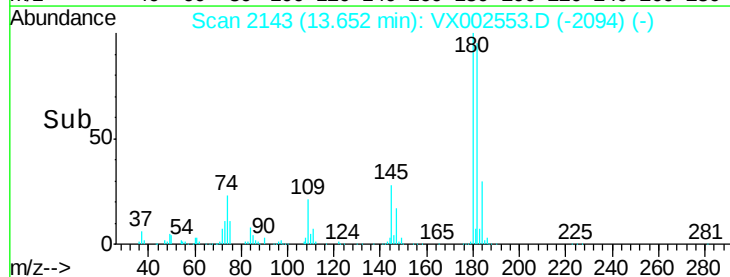
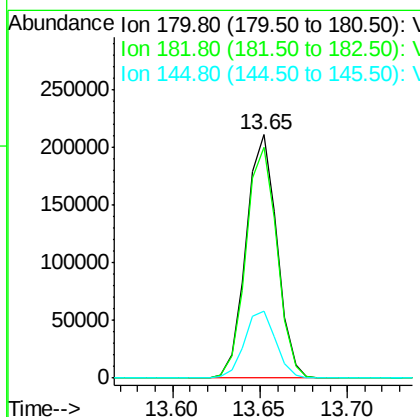
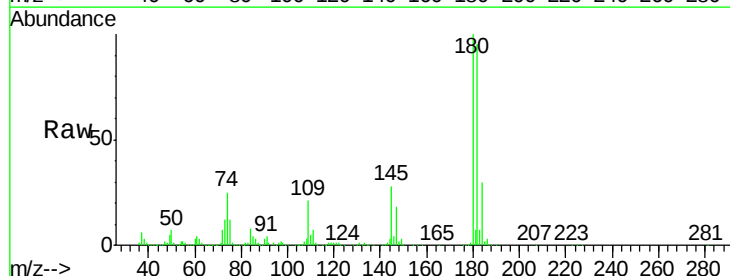
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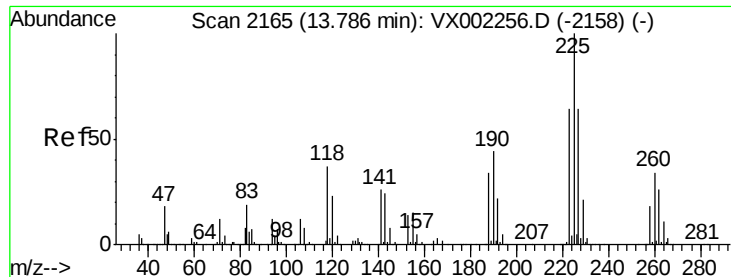
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.489 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.9	14.1	42.4





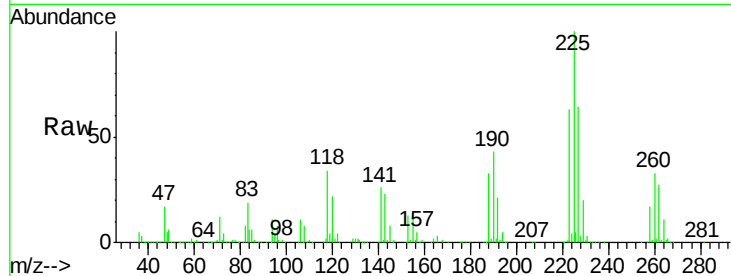
#94
Hexachlorobutadiene
Concen: 47.699 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

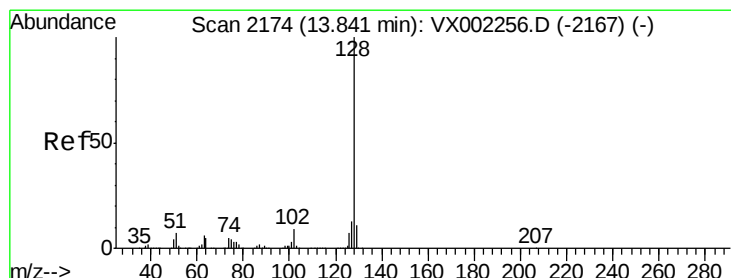
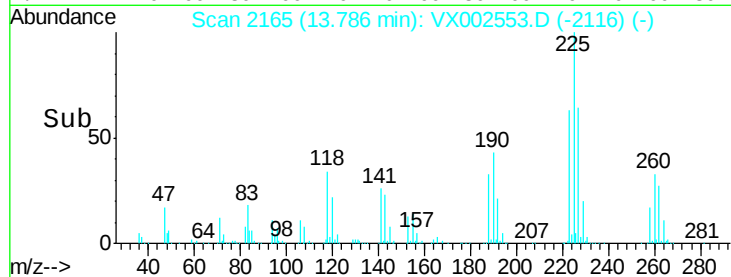
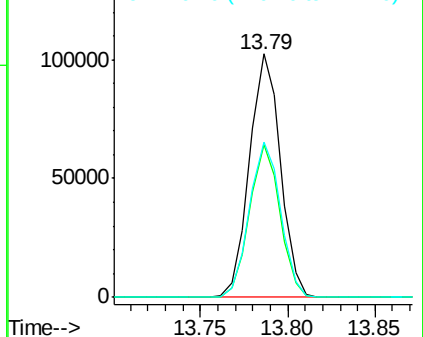
Tot Ion	Ratio	Resp	Lower	Upper
225	100	125721		
223	61.9		31.6	95.0
227	64.6		32.4	97.2

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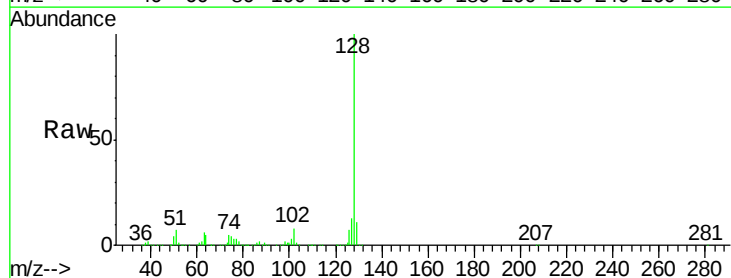


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

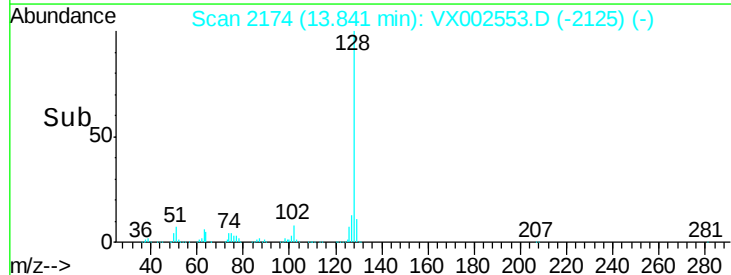
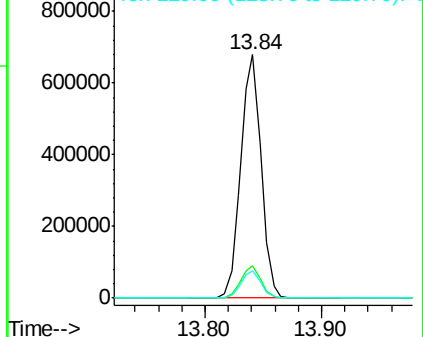


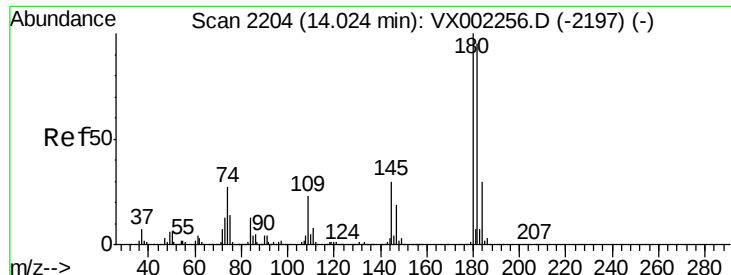
#95
Naphthalene
Concen: 54.243 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	831269		
127	13.1		10.4	15.6
129	11.0		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





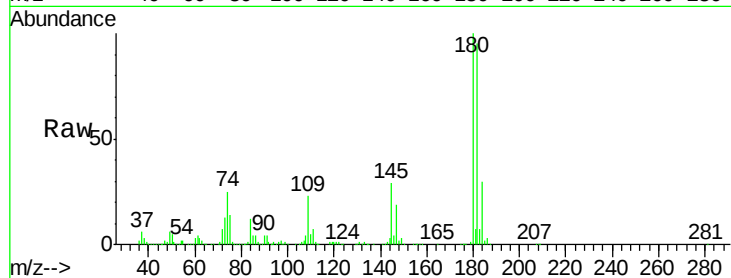
#96
 1,2,3-Trichlorobenzene
 Concen: 48.078 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	48.0	144.0
145	29.4	14.8	44.3

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

