

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002290.D
 Acq On : 05 Jun 2018 05:25
 Operator : JC/MD
 Sample : J3269-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:10 PM

Quant Time: Jun 05 07:53:32 2018
 Quant Method : Y:\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	253399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228869	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177067	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	136191	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.72	98	527143	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	206354	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133553	50.700	ug/l	99
3) Chloromethane	1.32	50	164107	54.638	ug/l	98
4) Vinyl Chloride	1.41	62	260025	78.324	ug/l	98
5) Bromomethane	1.64	94	99780	53.332	ug/l	100
6) Chloroethane	1.72	64	110293	51.358	ug/l	99
7) Trichlorofluoromethane	1.93	101	278545	55.067	ug/l	97
8) Diethyl Ether	2.19	74	100398	56.148	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150251	55.044	ug/l	100
10) Methyl Iodide	2.51	142	195385	50.890	ug/l	99
11) Tert butyl alcohol	3.07	59	171776	229.695	ug/l	98
12) 1,1-Dichloroethene	2.37	96	140637	52.134	ug/l	98
13) Acrolein	2.30	56	98911	275.921	ug/l	99
14) Allyl chloride	2.73	41	271024	46.295	ug/l	99
15) Acrylonitrile	3.15	53	416892	271.140	ug/l	100
16) Acetone	2.45	43	382451	245.026	ug/l	99
17) Carbon Disulfide	2.57	76	339636	47.769	ug/l	98
18) Methyl Acetate	2.78	43	187687	51.799	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	520773	55.710	ug/l	100
20) Methylene Chloride	2.86	84	157991	55.443	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	149977	50.416	ug/l	99
22) Diisopropyl ether	3.88	45	501324	51.298	ug/l	99
23) Vinyl Acetate	3.83	43	2019596	212.805	ug/l	99
24) 1,1-Dichloroethane	3.70	63	281450	48.643	ug/l	99
25) 2-Butanone	4.71	43	541991	218.143	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149911	33.145	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	199478	61.659	ug/l	91
28) Bromochloromethane	5.03	49	134918	55.196	ug/l	100
29) Tetrahydrofuran	5.17	42	359730	224.565	ug/l	100
30) Chloroform	5.22	83	270786	48.499	ug/l	99
31) Cyclohexane	5.58	56	234365	51.223	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	237055	50.064	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196773	50.741	ug/l	100
37) Ethyl Acetate	4.87	43	209928	45.014	ug/l	100
38) Carbon Tetrachloride	5.79	117	207336	51.107	ug/l	100

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Quant Time: Jun 05 07:53:32 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232416	48.519	ug/l	99
40) Benzene	6.15	78	593199	49.889	ug/l	99
41) Methacrylonitrile	5.07	41	126419	47.353	ug/l	100
42) 1,2-Dichloroethane	6.20	62	232537	49.223	ug/l	99
43) Isopropyl Acetate	6.47	43	358109	45.208	ug/l	100
44) Trichloroethene	7.22	130	166670	50.505	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156838	48.859	ug/l	99
46) Dibromomethane	7.67	93	104939	48.224	ug/l	99
47) Bromodichloromethane	7.90	83	192887	49.010	ug/l	99
48) Methyl methacrylate	7.78	41	196021	49.265	ug/l	98
49) 1,4-Dioxane	7.76	88	63751	856.906	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1200431	243.350	ug/l	100
52) Toluene	8.79	92	385579	50.986	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	220787	46.780	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206484	46.372	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154786	49.764	ug/l	99
56) Ethyl methacrylate	9.19	69	240558	48.442	ug/l	99
57) 1,3-Dichloropropane	9.38	76	254624	48.796	ug/l	100
59) 2-Hexanone	9.50	43	919705	241.377	ug/l	99
60) Dibromochloromethane	9.59	129	157528	50.351	ug/l	100
61) 1,2-Dibromoethane	9.68	107	163909	50.540	ug/l	100
64) Tetrachloroethene	9.34	164	178997	48.451	ug/l	99
65) Chlorobenzene	10.14	112	439521	49.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160332	49.677	ug/l	99
67) Ethyl Benzene	10.26	91	763784	51.202	ug/l	99
68) m/p-Xylenes	10.37	106	599650	103.413	ug/l	100
69) o-Xylene	10.70	106	292328	50.659	ug/l	99
70) Stvrene	10.72	104	488301	51.763	ug/l	100
71) Bromoform	10.86	173	119936	42.082	ug/l	100
73) Isopropylbenzene	11.02	105	792620	49.784	ug/l	100
74) N-amyl acetate	6.47	43	358109	41.743	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	231597	46.250	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	227587m	45.318	ug/l	
77) Bromobenzene	11.26	156	215804	48.281	ug/l	98
78) n-propylbenzene	11.37	91	905993	51.197	ug/l	100
79) 2-Chlorotoluene	11.43	91	537307	48.086	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679253	49.741	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54715	38.191	ug/l	93
82) 4-Chlorotoluene	11.51	91	636044	49.316	ug/l	100
83) tert-Butylbenzene	11.77	119	661839	49.770	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	704855	50.142	ug/l	100
85) sec-Butylbenzene	11.95	105	812557	52.122	ug/l	100
86) p-Isopropyltoluene	12.07	119	741584	52.224	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392965	49.170	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	399714	48.523	ug/l	99
89) n-Butylbenzene	12.39	91	631032	52.986	ug/l	100
90) Hexachloroethane	12.60	117	108670	47.941	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	402714	48.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51273	46.823	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	286772	49.460	ug/l	100

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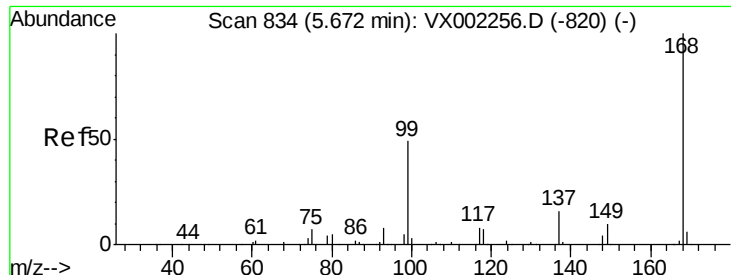
Manual Integrations
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Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
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QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	147642	51.531	ug/l	100
95) Naphthalene	13.84	128	827142	49.652	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295726	50.012	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion:168 Resp: 253399

Ion Ratio Lower Upper

168 100

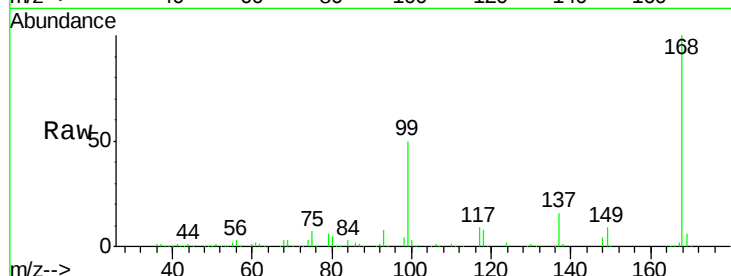
99 49.9 39.3 58.9

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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

100000

80000

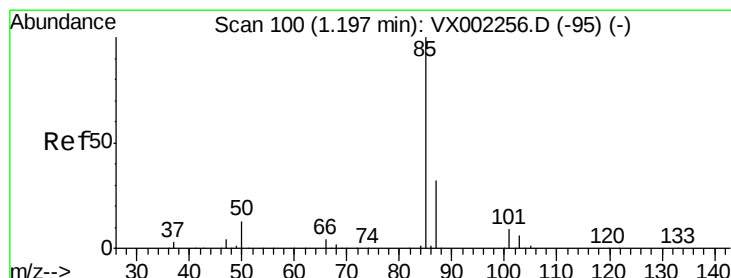
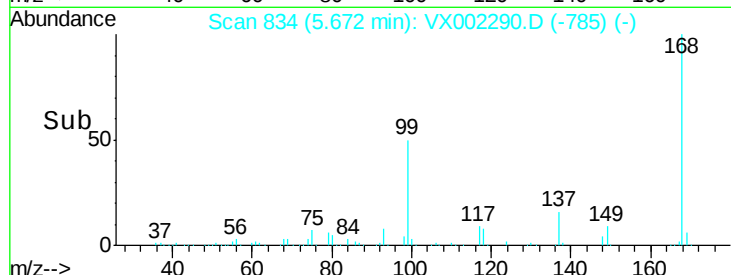
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.700 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002290.D

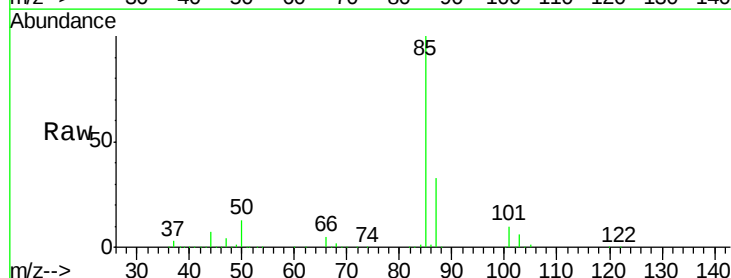
Acq: 05 Jun 2018 05:25

Tgt Ion: 85 Resp: 133553

Ion Ratio Lower Upper

85 100

87 32.6 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

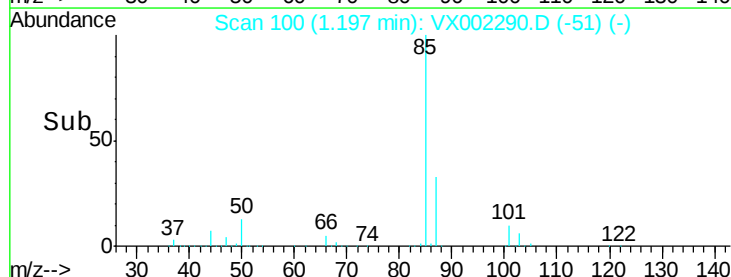
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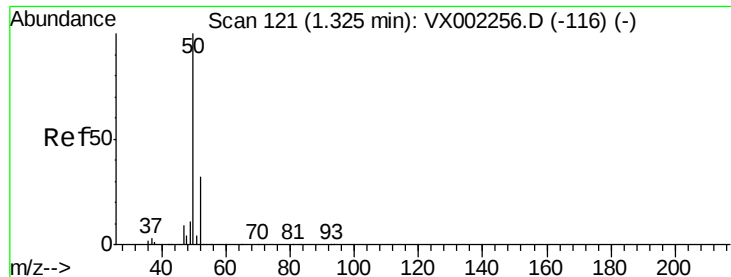
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.638 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 50 Resp: 164107

Ion Ratio Lower Upper

50 100

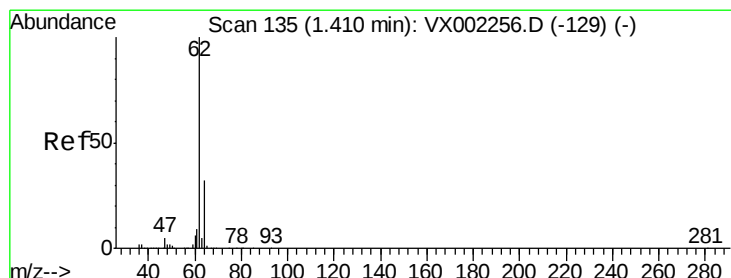
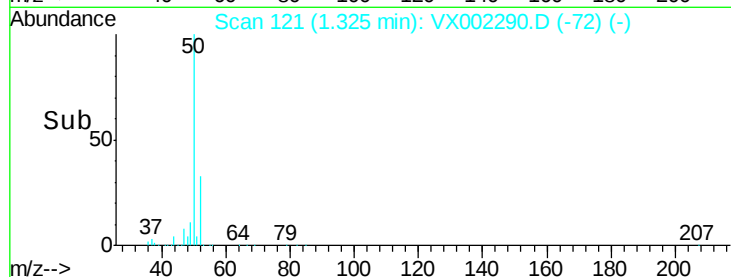
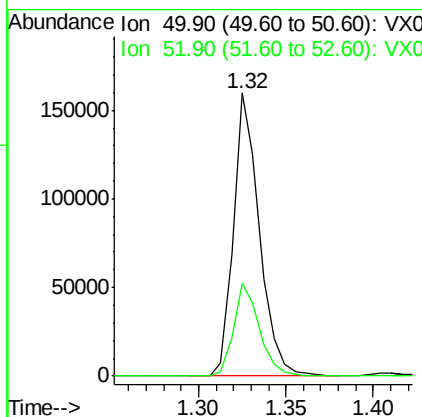
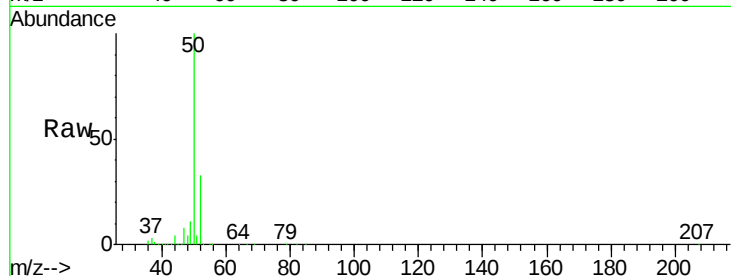
52 33.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 78.324 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002290.D

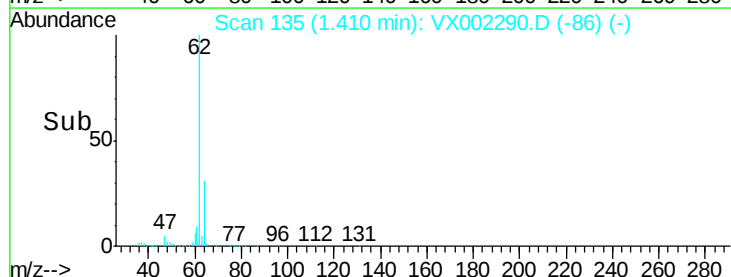
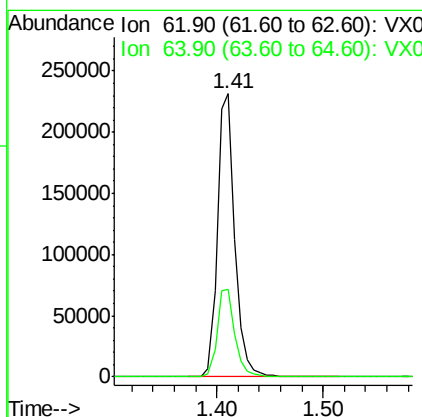
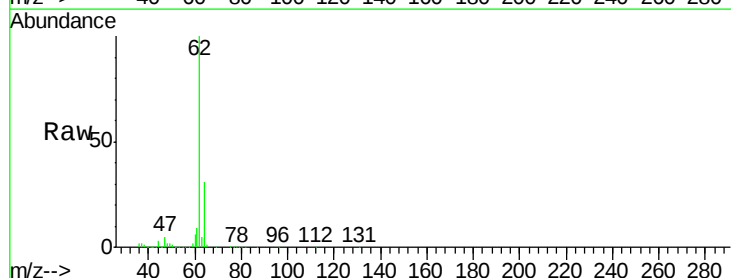
Acq: 05 Jun 2018 05:25

Tgt Ion: 62 Resp: 260025

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 53.332 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 94 Resp: 99780

Ion Ratio Lower Upper

94 100

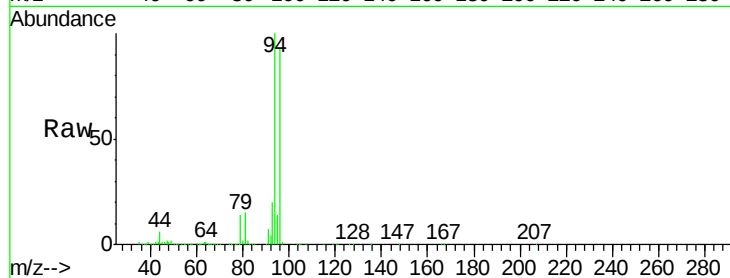
96 93.2 74.9 112.3

Manual Integrations

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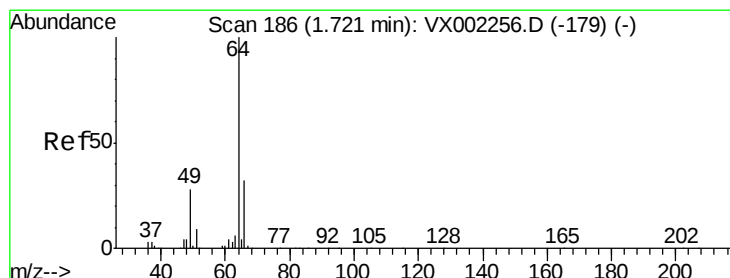
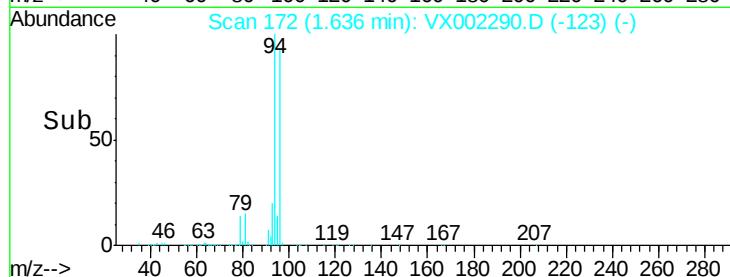
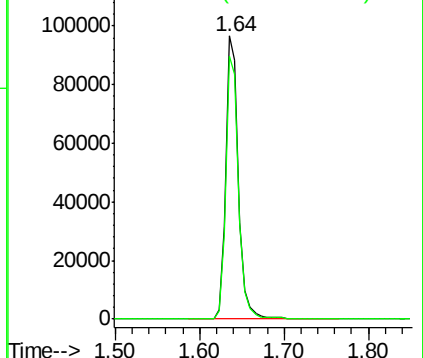
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.358 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002290.D

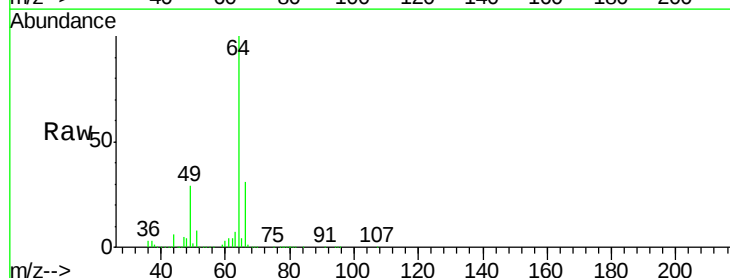
Acq: 05 Jun 2018 05:25

Tgt Ion: 64 Resp: 110293

Ion Ratio Lower Upper

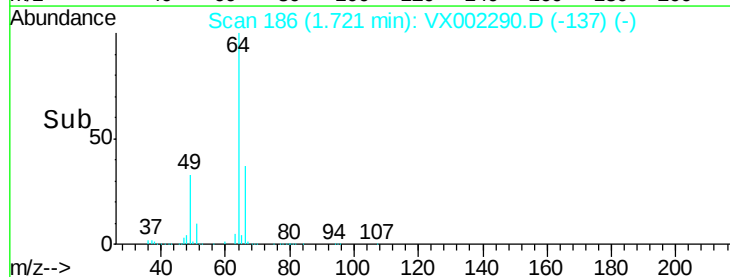
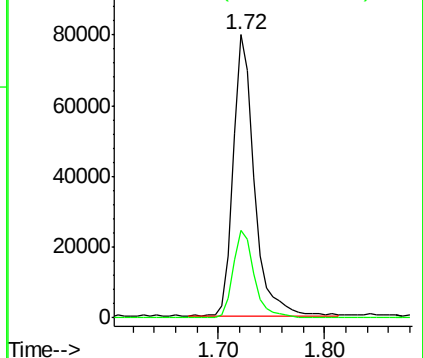
64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

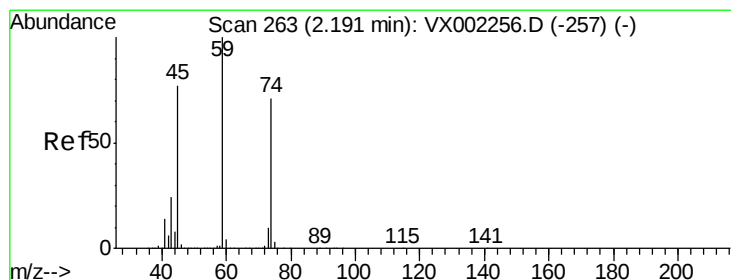
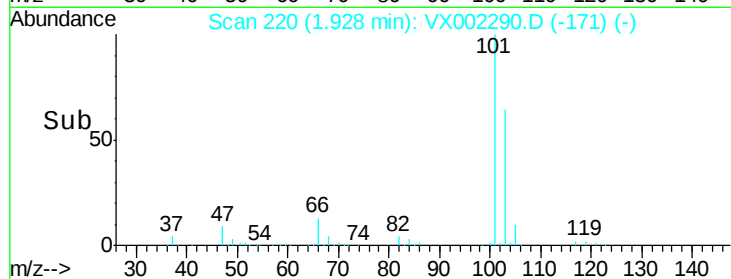
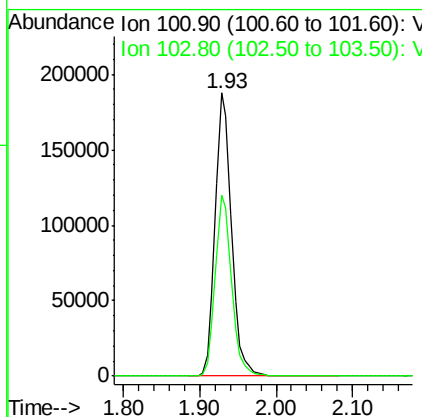
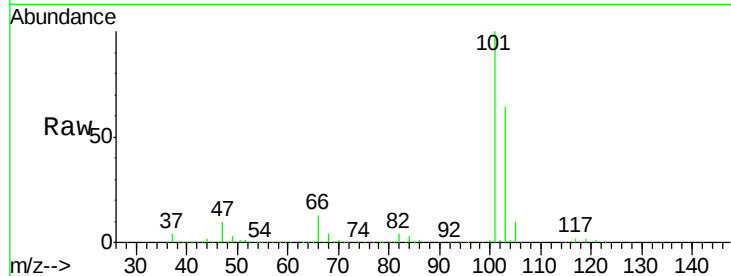
Trichlorofluoromethane
Concen: 55.067 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002290.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.8	79.2

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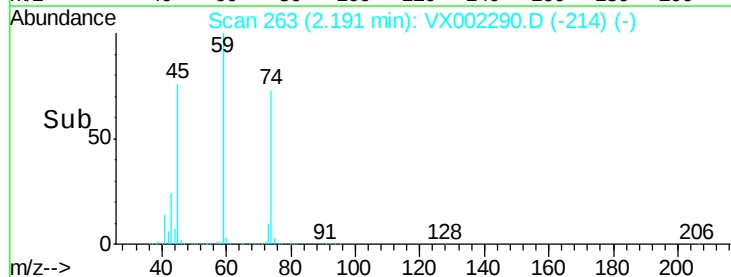
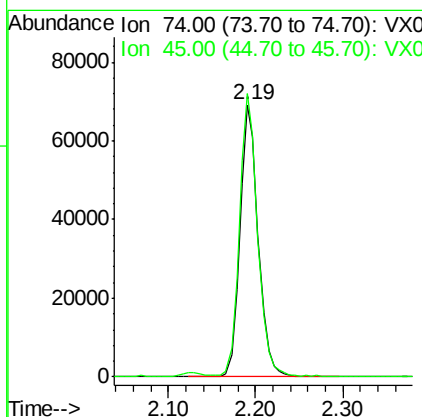
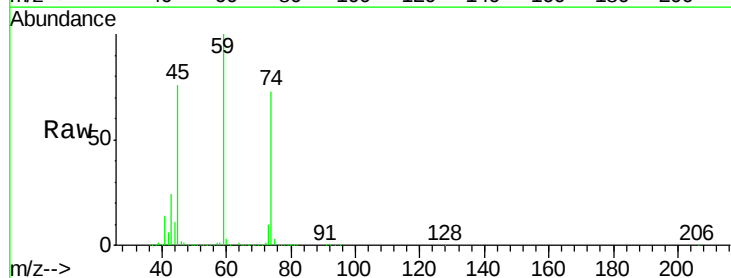
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6/5/2018 5:56:10 PM



#8

Diethyl Ether
Concen: 56.148 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.044 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

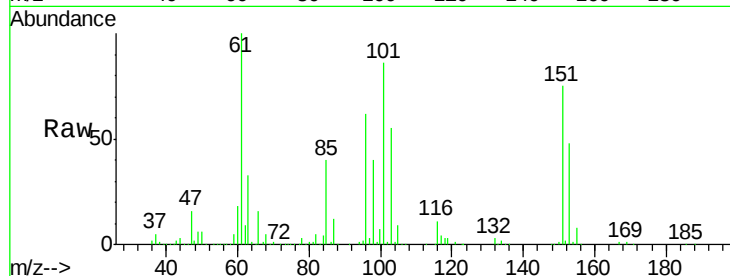
ClientSampleId :

SS004MW010-180529MS

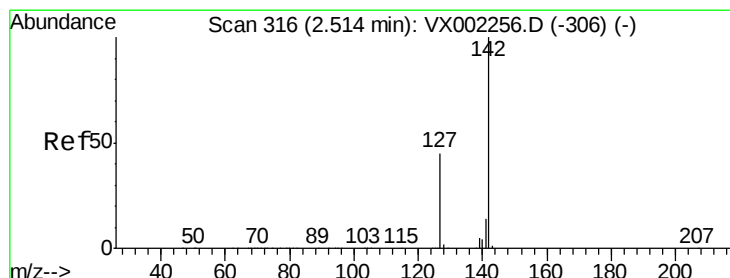
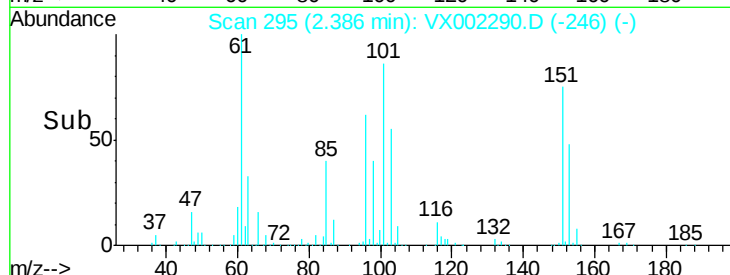
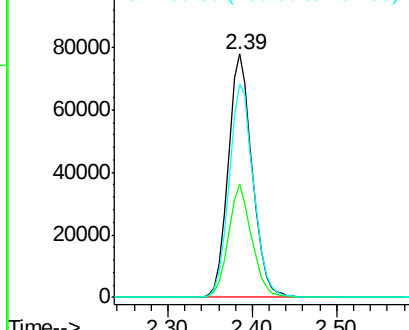
Tot Ion:	101	Resp:	150251
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	88.9	70.9	106.3

Manual Integrations
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6/5/2018 5:56:10 PM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.890 ug/l

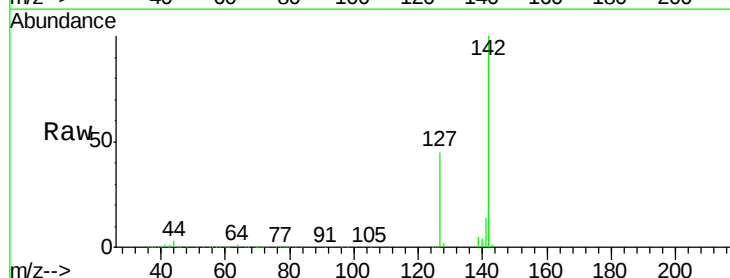
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

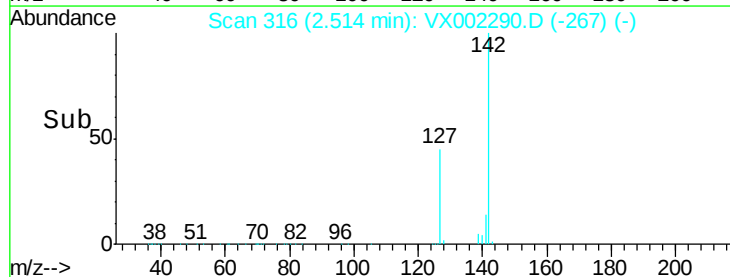
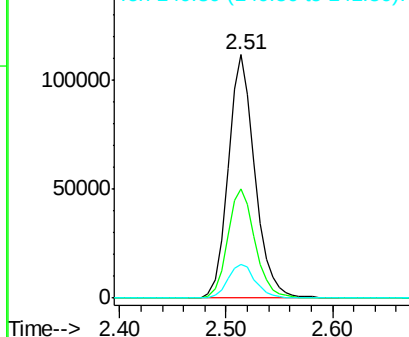
Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	142	Resp:	195385
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	55.0
141	14.4	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





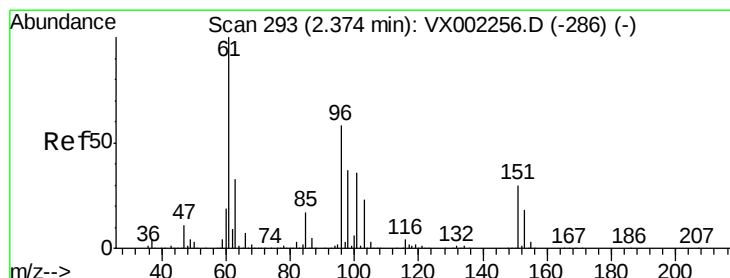
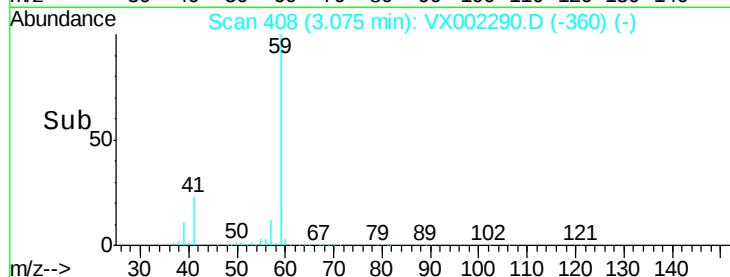
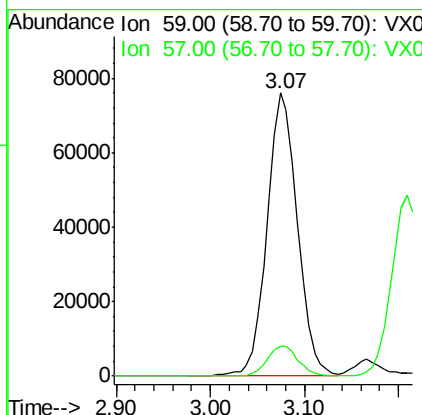
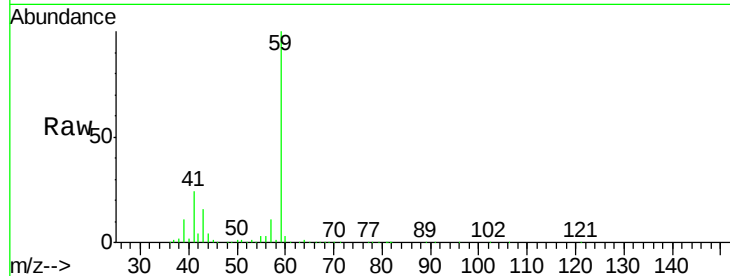
#11
Tert butyl alcohol
Concen: 229.695 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion: 59 Resp: 171776
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2

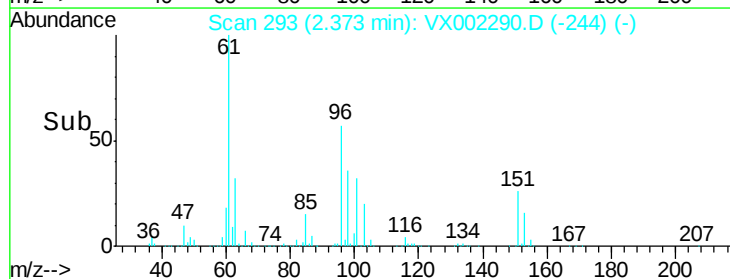
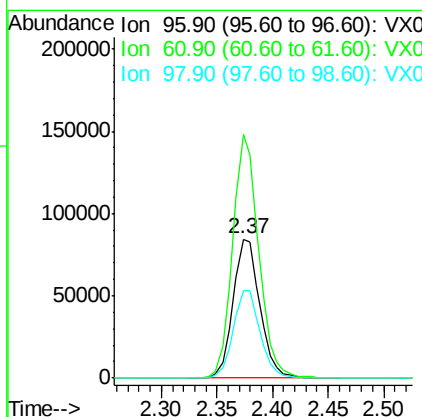
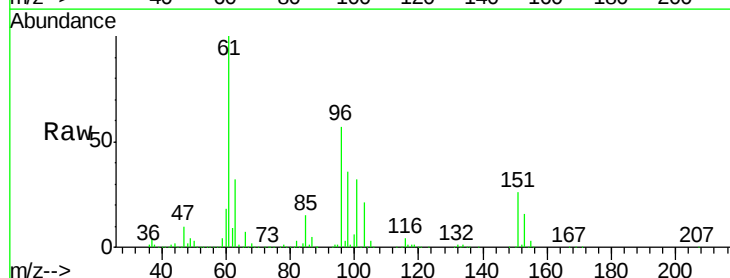
Manual Integrations
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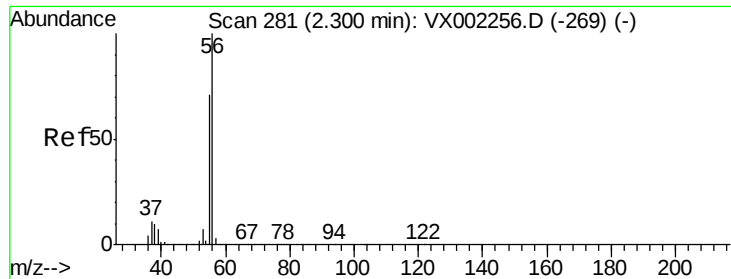
MMDadoda
6/5/2018 5:56:10 PM



#12
1,1-Dichloroethene
Concen: 52.134 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 96 Resp: 140637
Ion Ratio Lower Upper
96 100
61 175.4 137.9 206.9
98 62.7 51.6 77.4





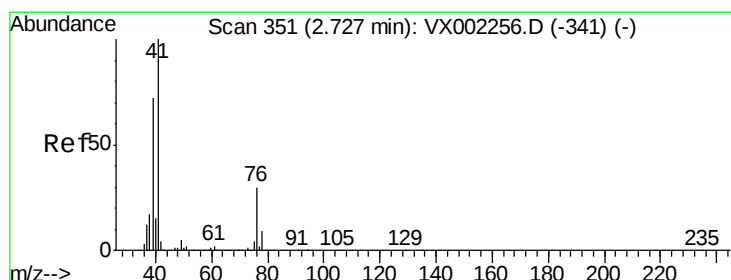
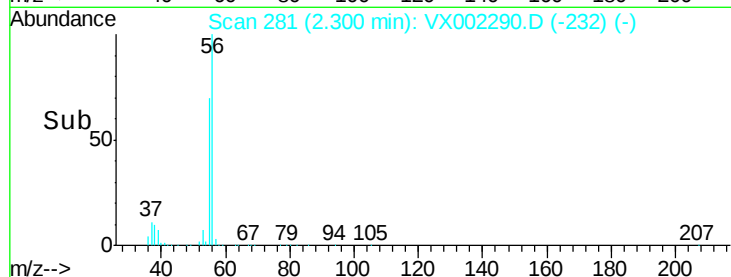
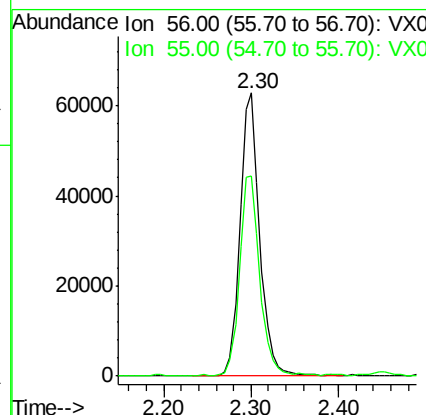
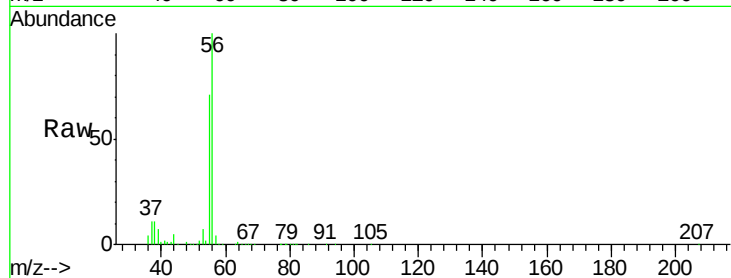
#13
Acrolein
Concen: 275.921 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.0	85.4

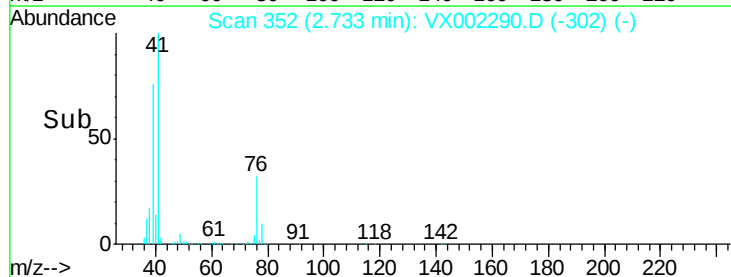
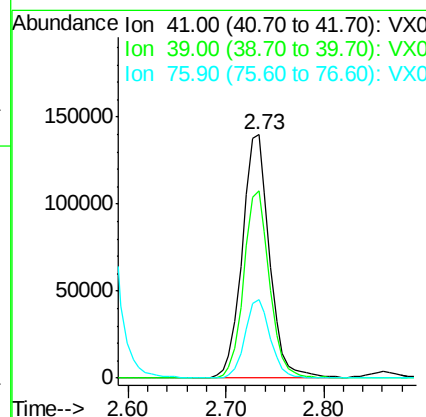
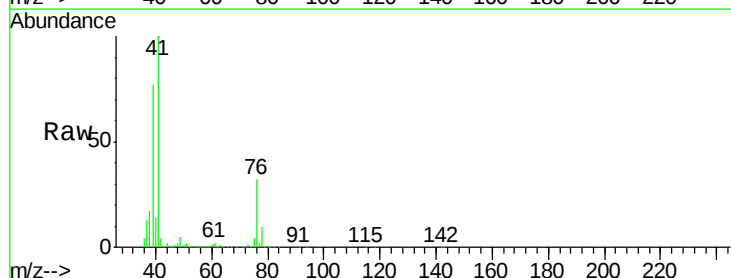
Manual Integrations
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#14
Allyl chloride
Concen: 46.295 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.3	56.8	85.2
76	29.8	23.8	35.8





#15

Acrylonitrile

Concen: 271.140 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

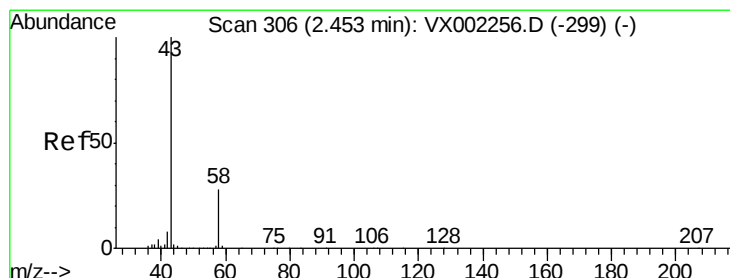
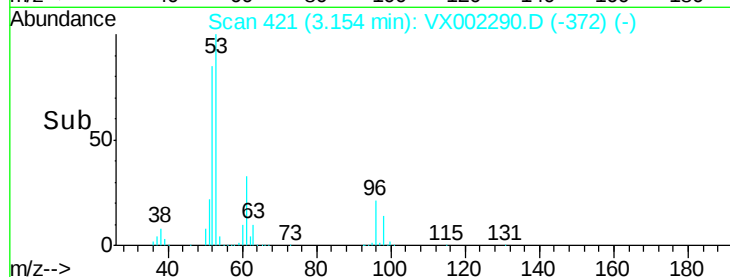
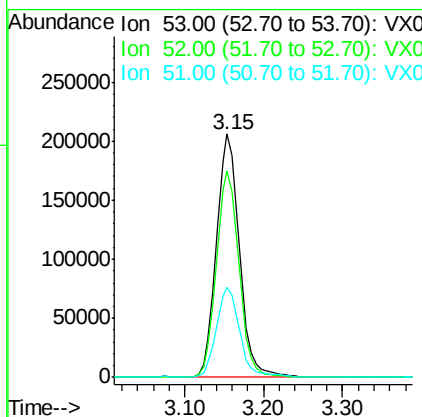
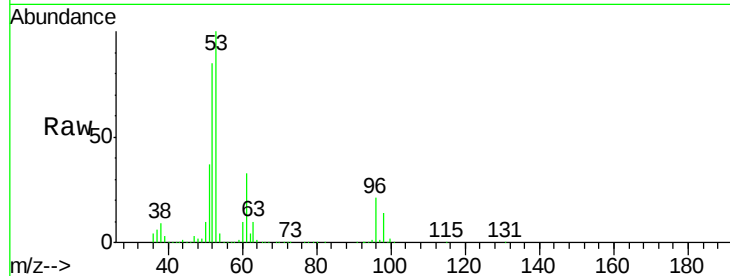
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	53	Resp:	416892
Ion Ratio	Lower	Upper	
53	100		
52	83.9	66.7	100.1
51	37.4	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 245.026 ug/l

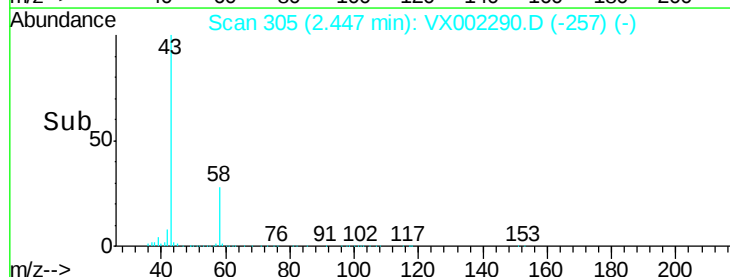
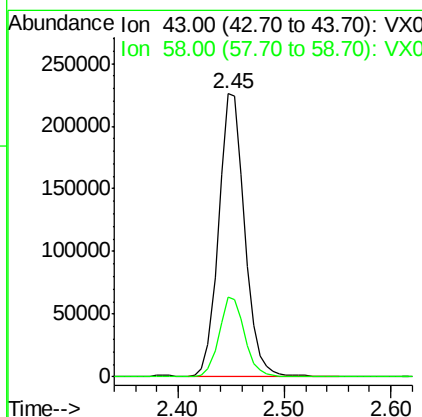
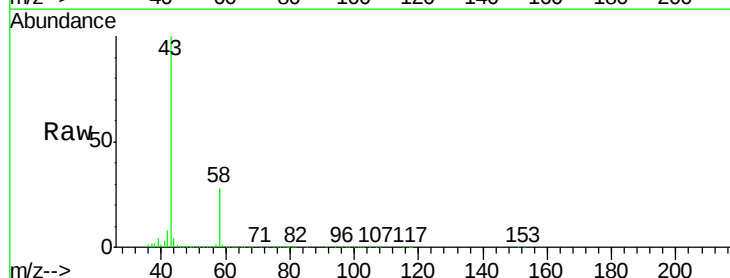
RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	43	Resp:	382451
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.1	33.1





#17

Carbon Disulfide

Concen: 47.769 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 76 Resp: 339636

Ion Ratio Lower Upper

76 100

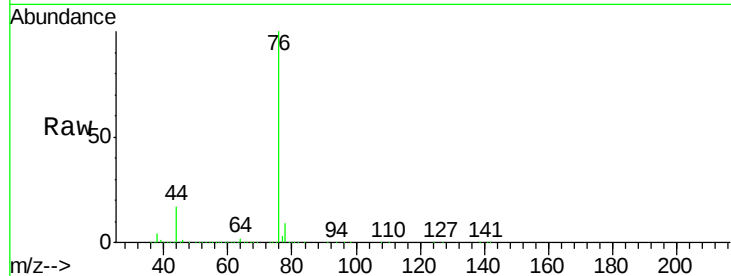
78 9.3 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

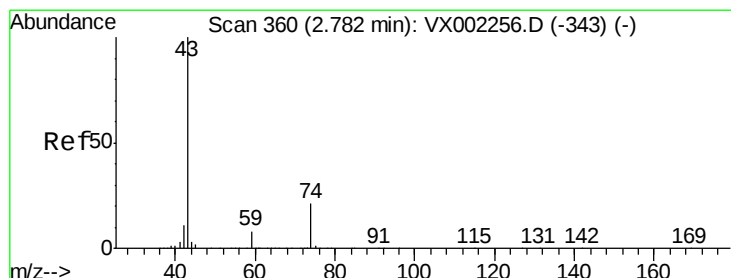
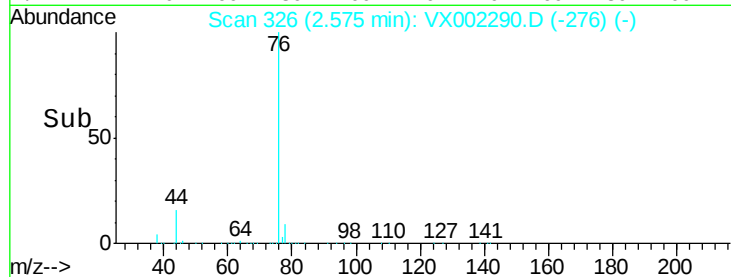
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.799 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002290.D

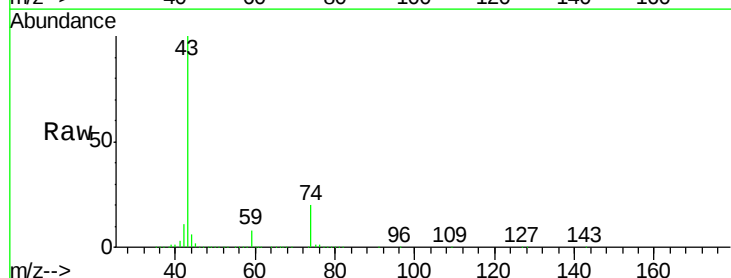
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 187687

Ion Ratio Lower Upper

43 100

74 21.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

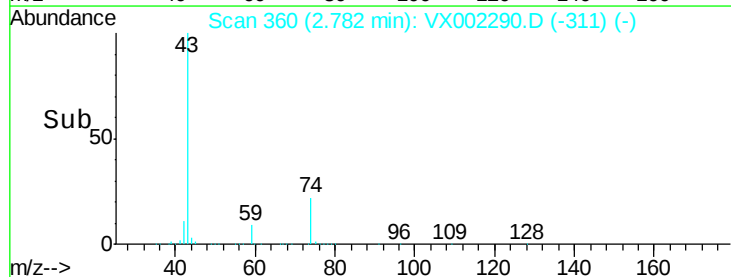
60000

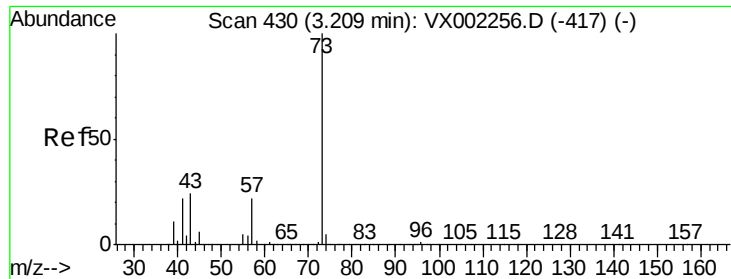
40000

20000

0

Time-->





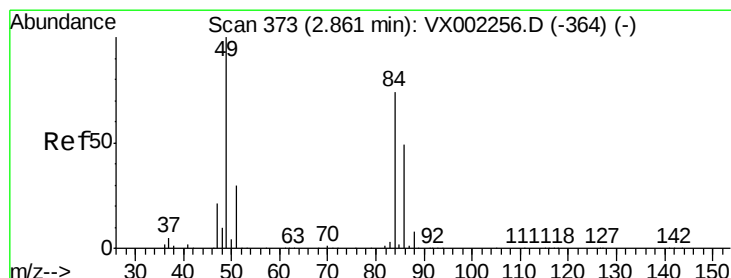
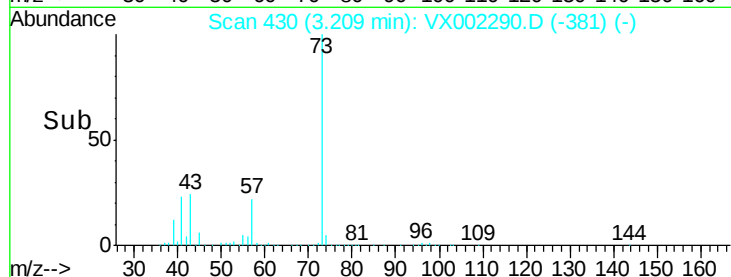
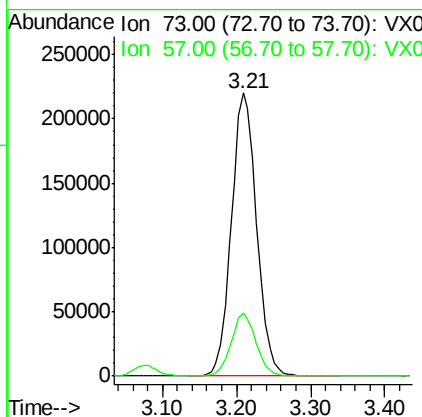
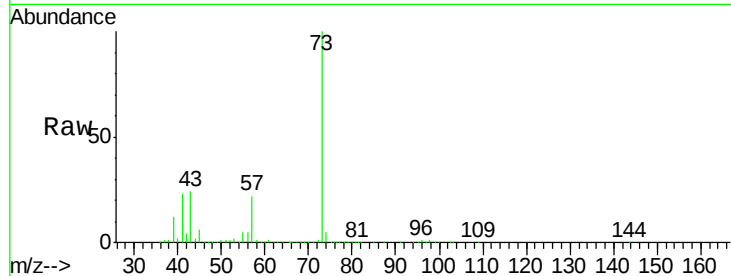
#19
Methvl tert-butvl Ether
Concen: 55.710 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion: 73 Resp: 520773
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

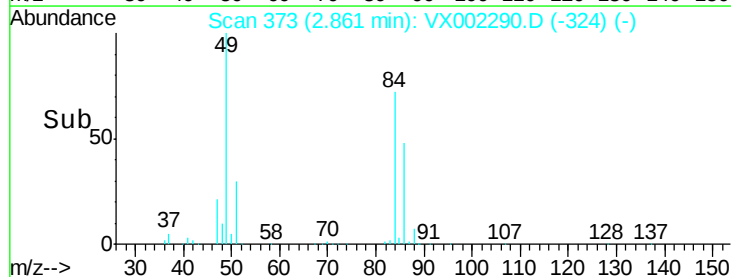
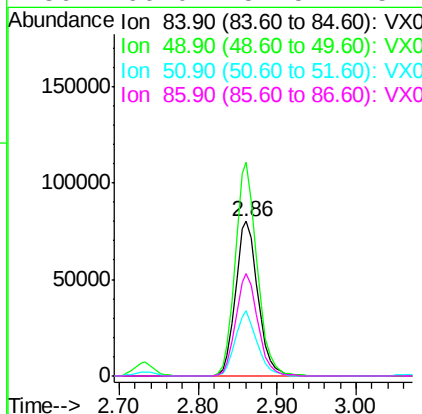
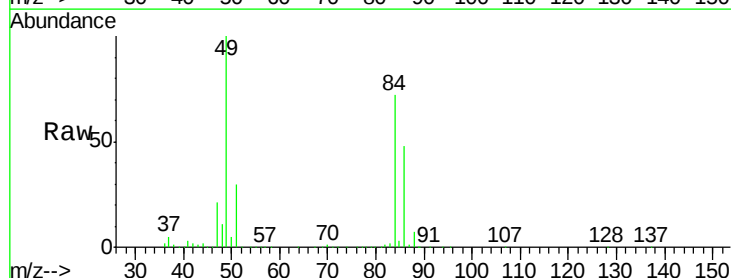
Manual Integrations
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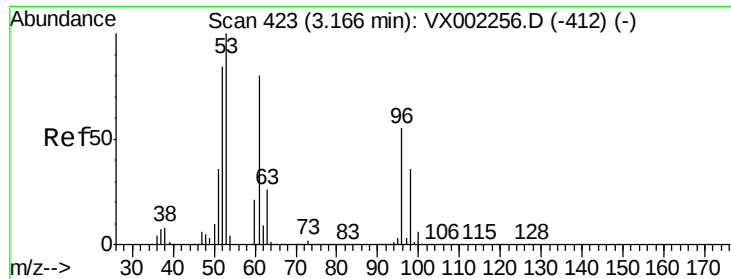
MMDadoda
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#20
Methylene Chloride
Concen: 55.443 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion: 84 Resp: 157991
Ion Ratio Lower Upper
84 100
49 137.9 107.8 161.6
51 41.9 32.8 49.2
86 66.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.416 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

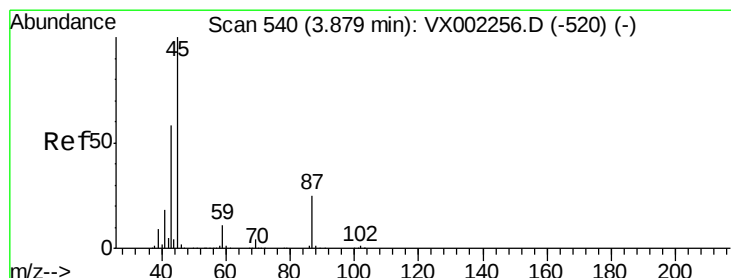
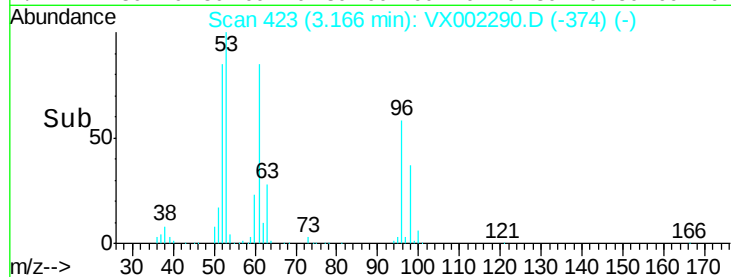
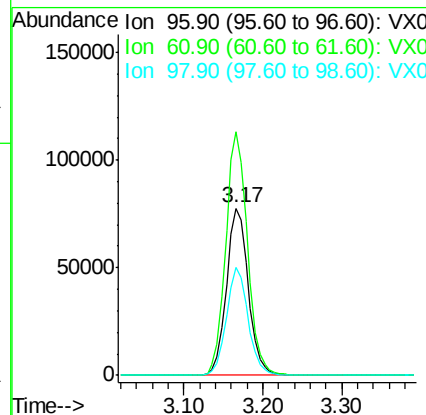
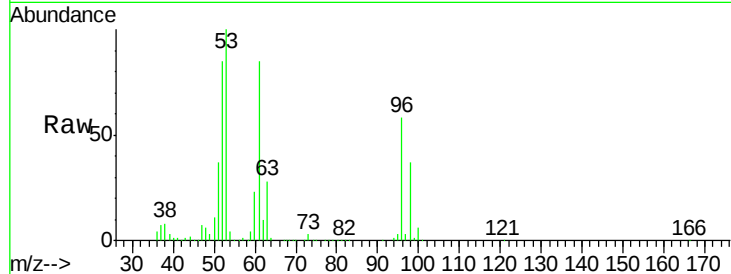
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	96	Resp:	149977
Ion	Ratio	Lower	Upper
96	100		
61	145.6	117.0	175.4
98	64.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.298 ug/l

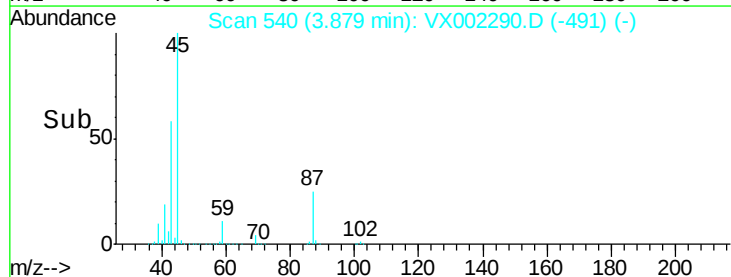
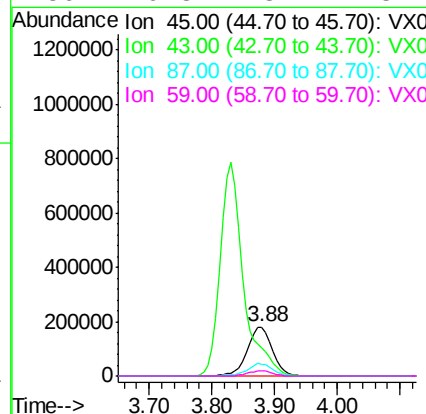
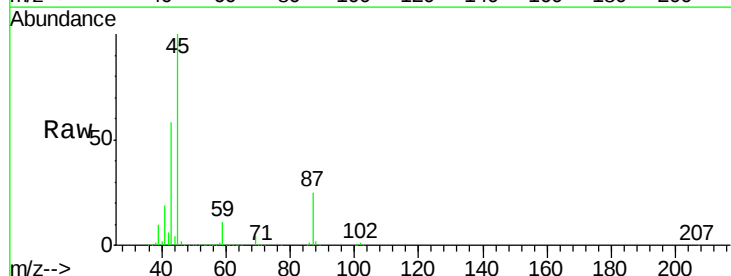
RT: 3.88 min Scan# 540

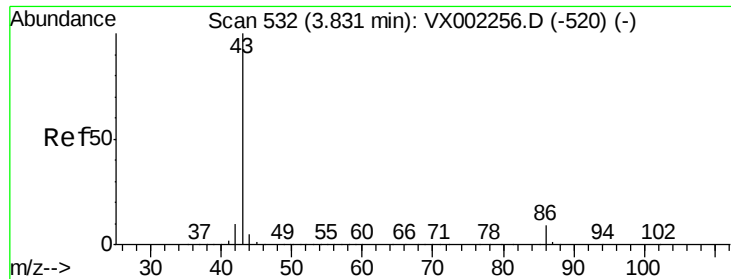
Delta R.T. 0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	45	Resp:	501324
Ion	Ratio	Lower	Upper
45	100		
43	57.7	46.8	70.2
87	24.6	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 212.805 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 43 Resp: 2019596

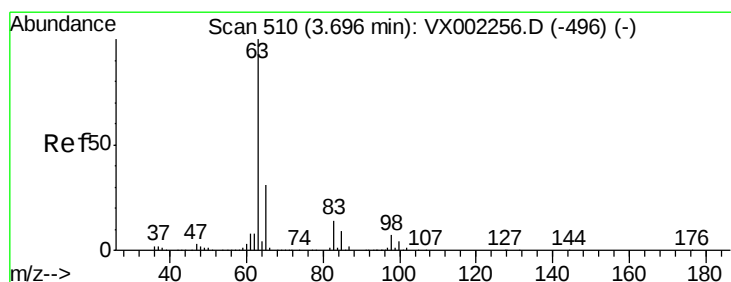
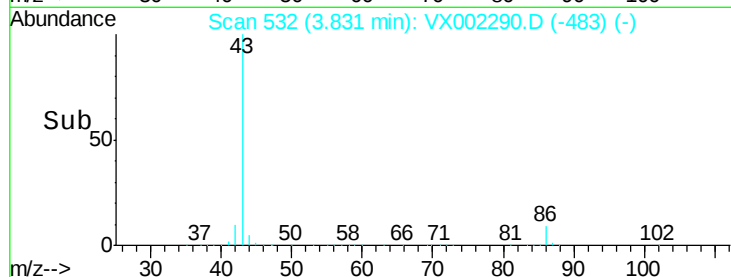
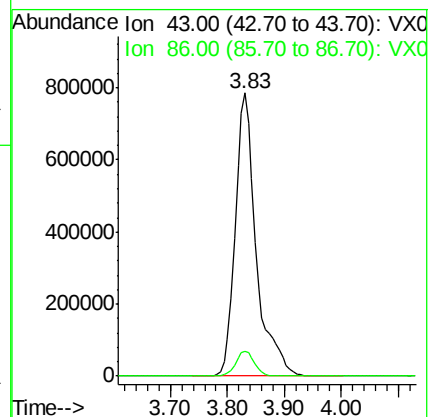
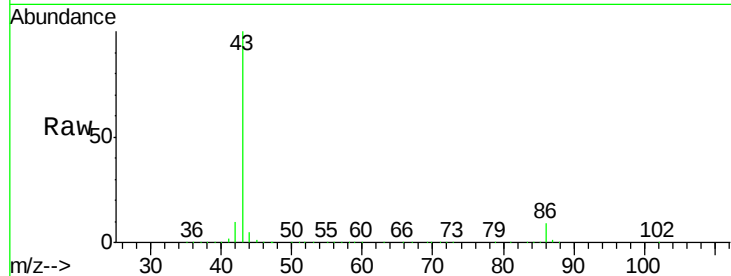
Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.643 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

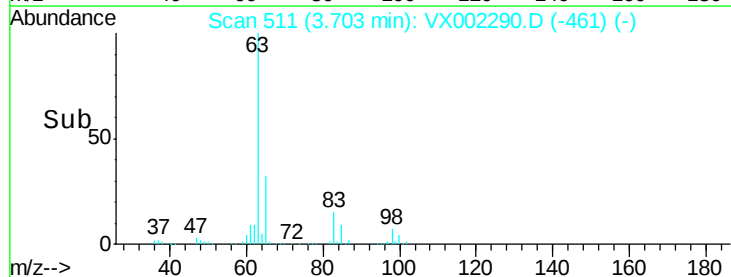
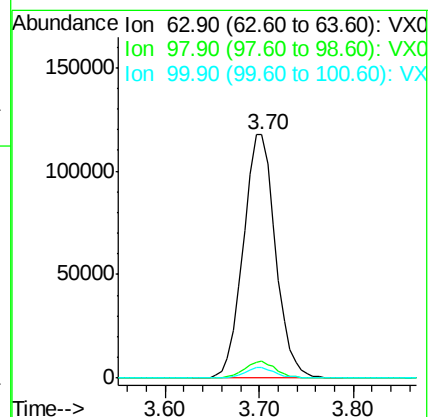
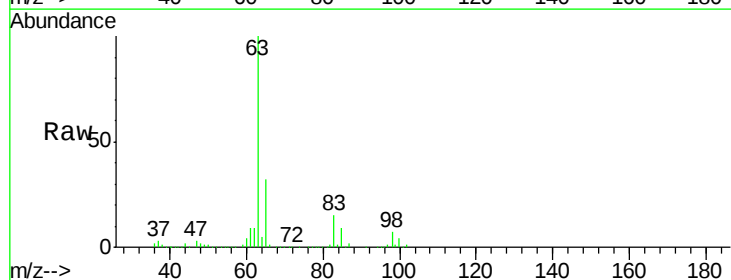
Tgt Ion: 63 Resp: 281450

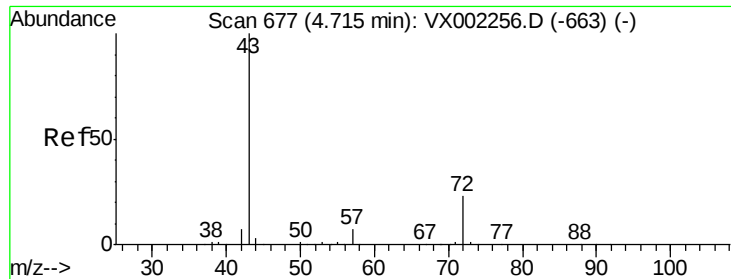
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 218.143 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 43 Resp: 541991

Ion Ratio Lower Upper

43 100

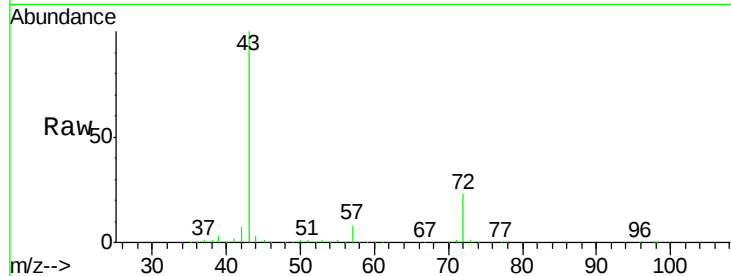
72 23.4 18.5 27.7

Manual Integrations

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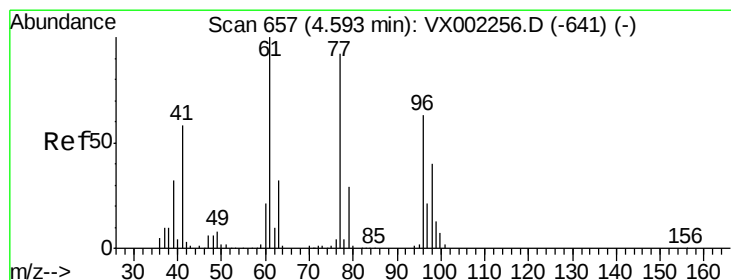
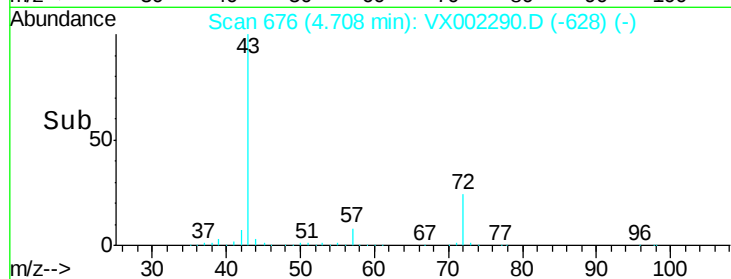
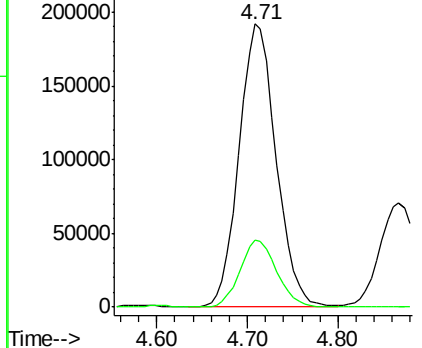
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.145 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002290.D

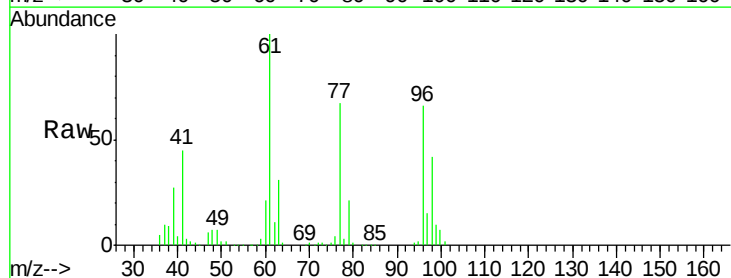
Acq: 05 Jun 2018 05:25

Tgt Ion: 77 Resp: 149911

Ion Ratio Lower Upper

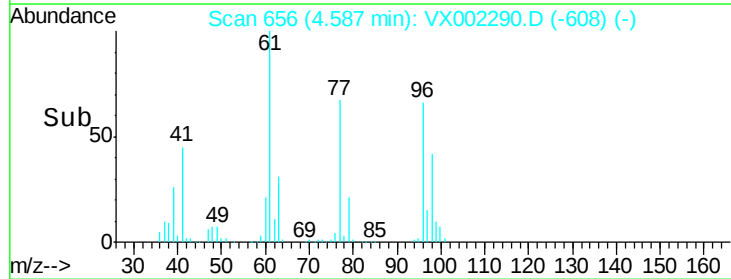
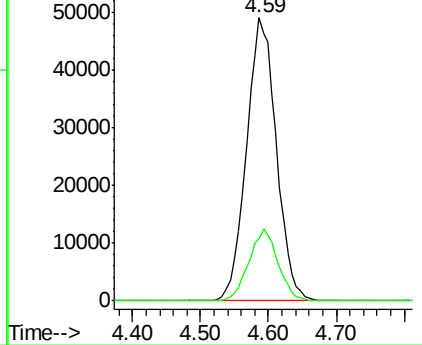
77 100

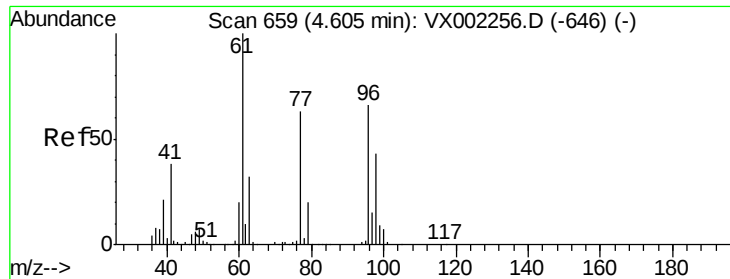
97 24.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

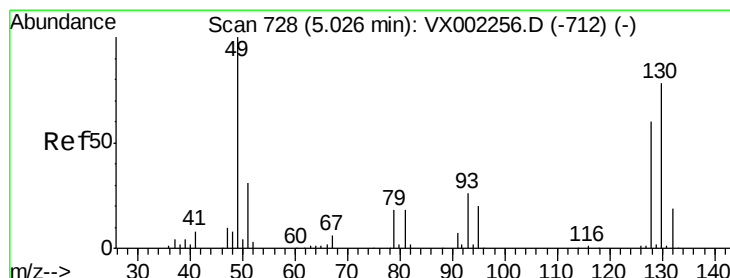
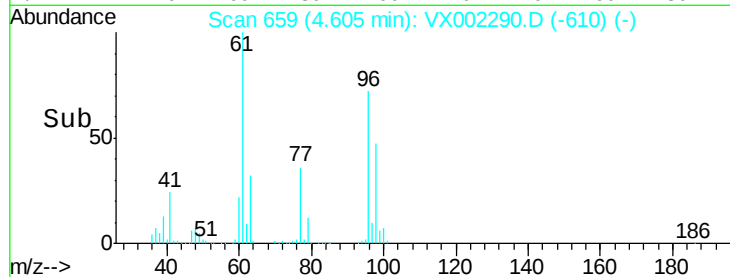
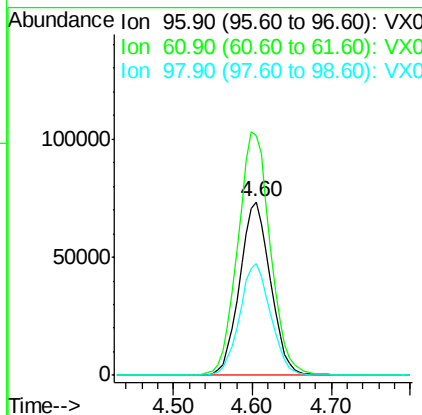
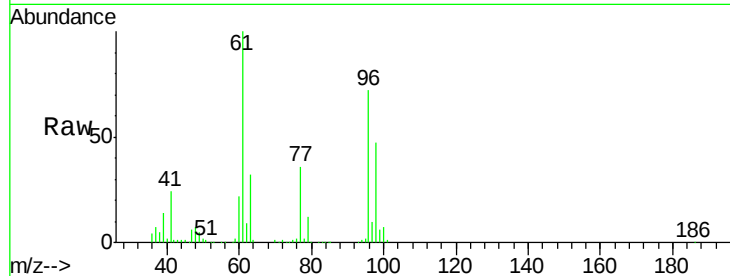
cis-1,2-Dichloroethene
Concen: 61.659 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	199478		
61	149.1	0.0	330.2	
98	64.9	0.0	130.2	

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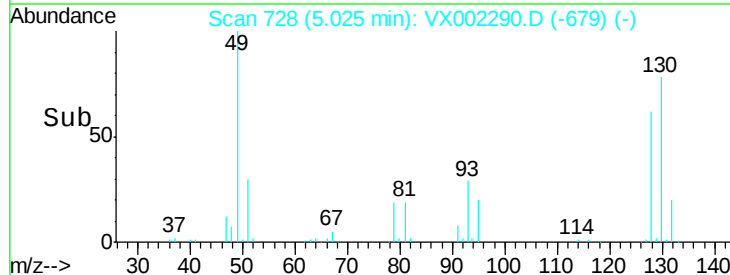
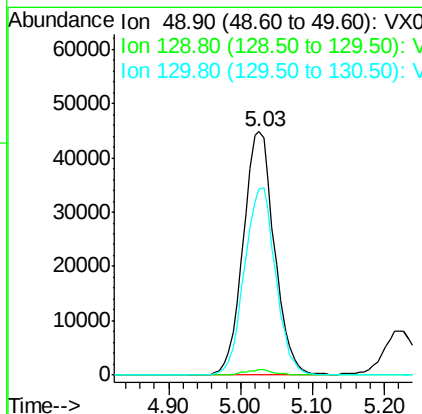
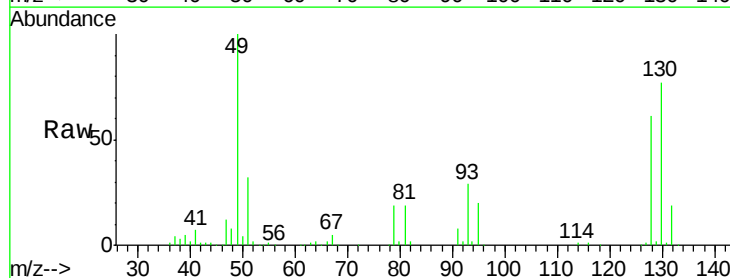
MMDadoda
6/5/2018 5:56:10 PM

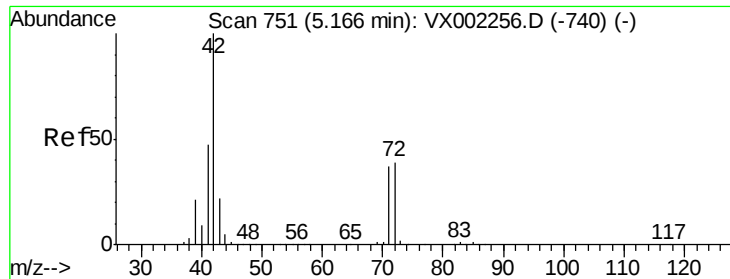


#28

Bromochloromethane
Concen: 55.196 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134918		
129	2.1	0.0	4.2	
130	76.7	61.2	91.8	





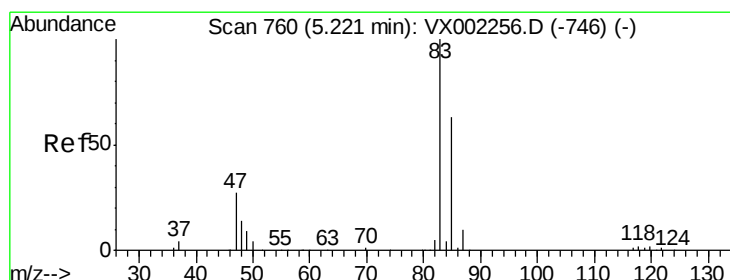
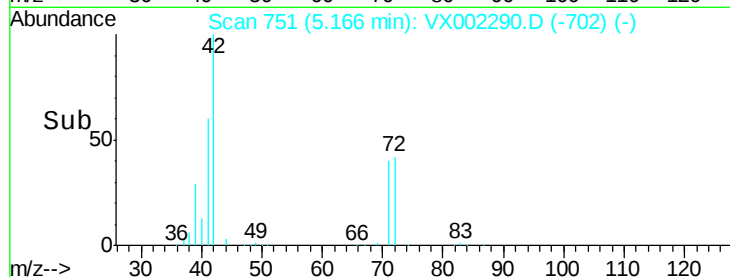
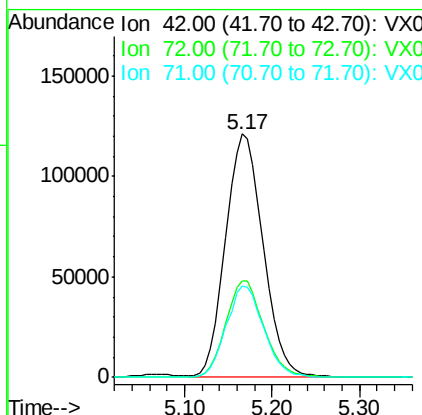
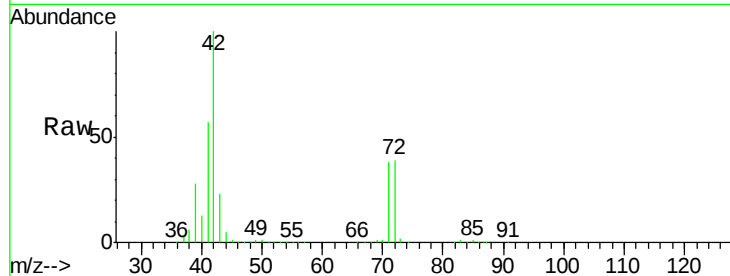
#29
Tetrahydrofuran
Concen: 224.565 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	37.8	30.1	45.1

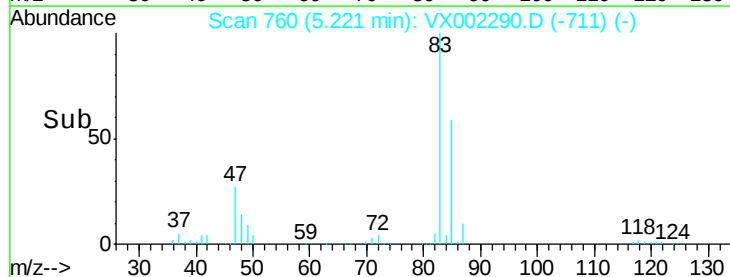
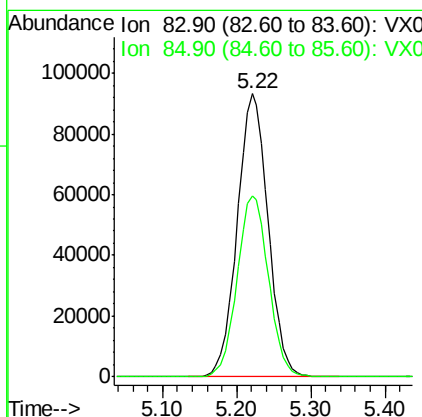
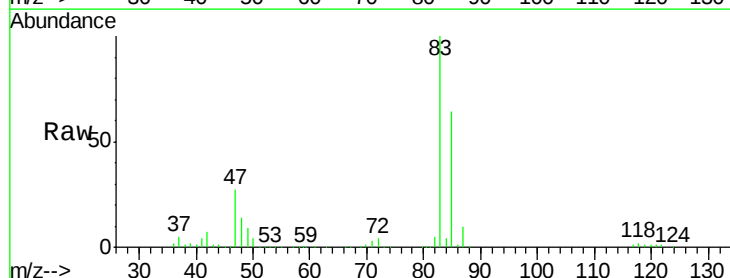
Manual Integrations
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6/5/2018 5:56:10 PM



#30
Chloroform
Concen: 48.499 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.4	75.6





#31

Cyclohexane

Concen: 51.223 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

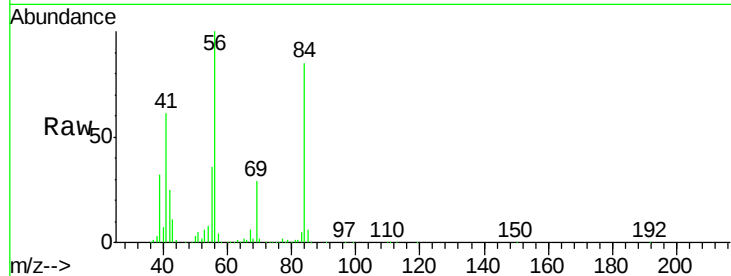
ClientSampleId :

SS004MW010-180529MS

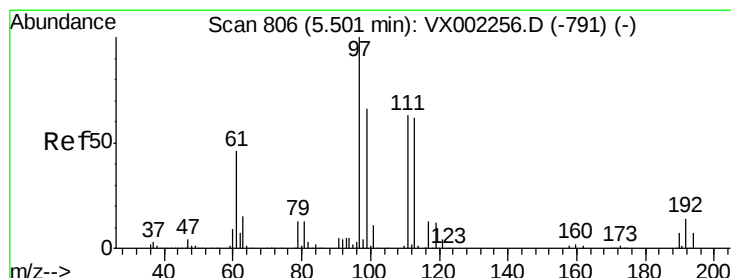
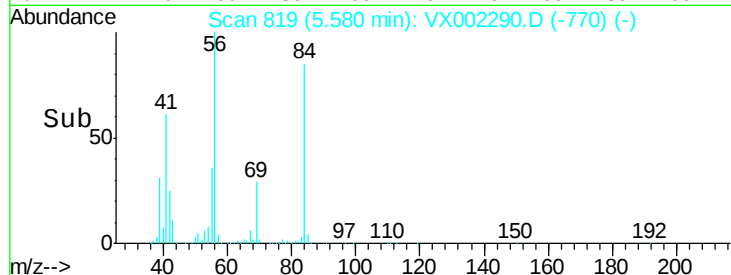
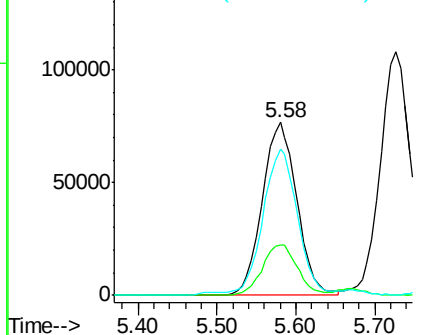
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	84.3	64.1	96.1

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.064 ug/l

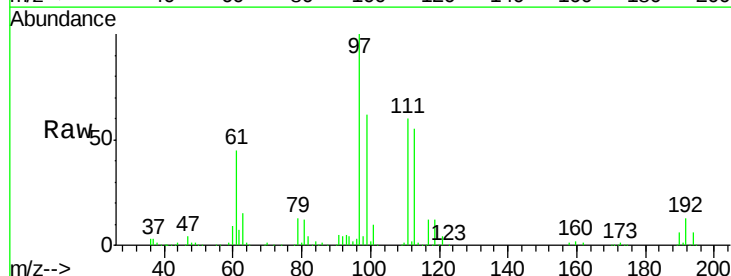
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

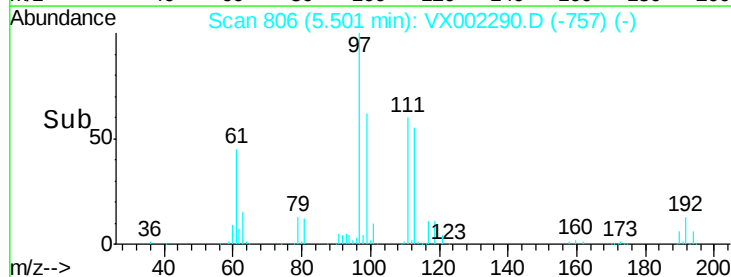
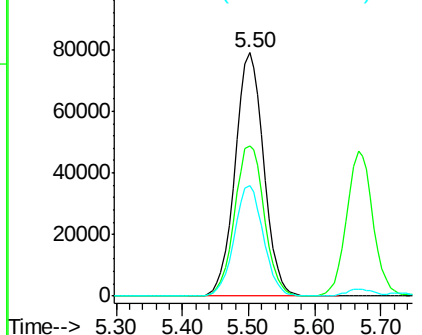
Lab File: VX002290.D

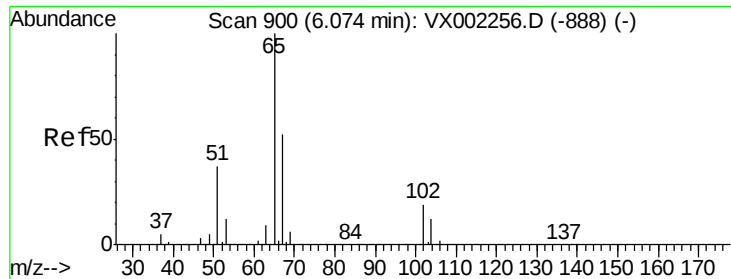
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	46.1	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





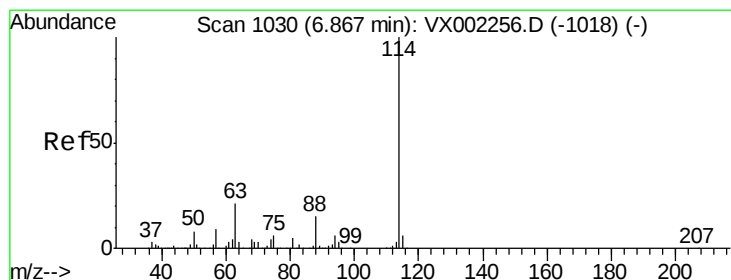
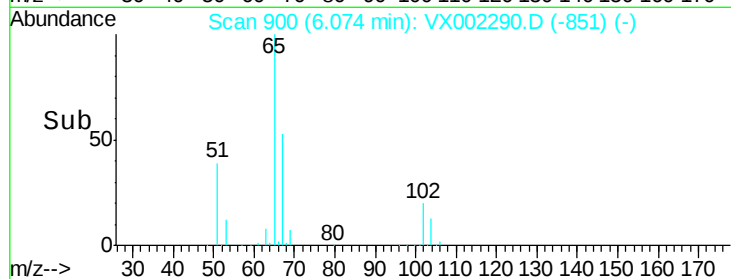
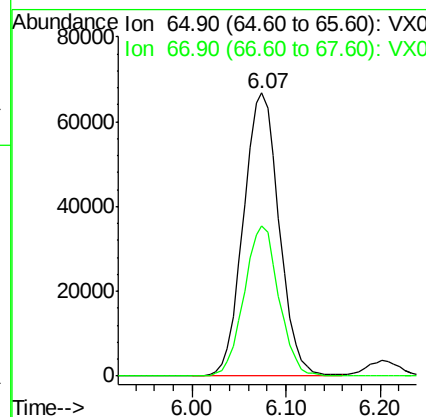
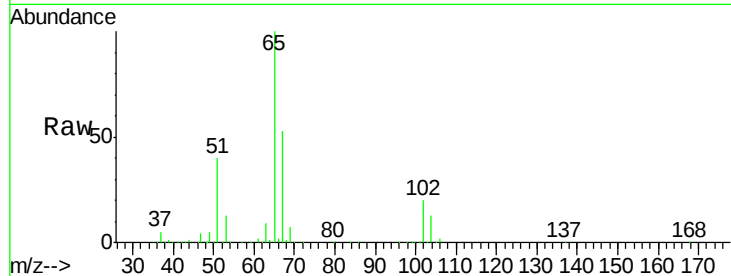
#33
 1,2-Dichloroethane-d4
 Concen: 48.781 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

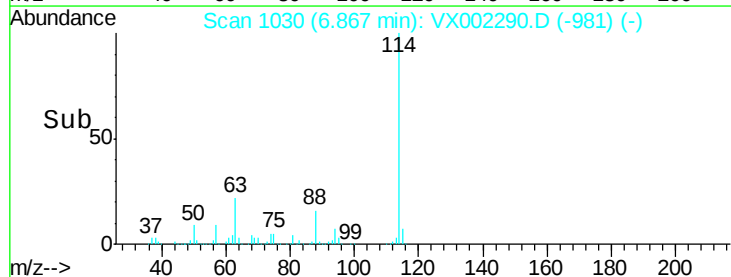
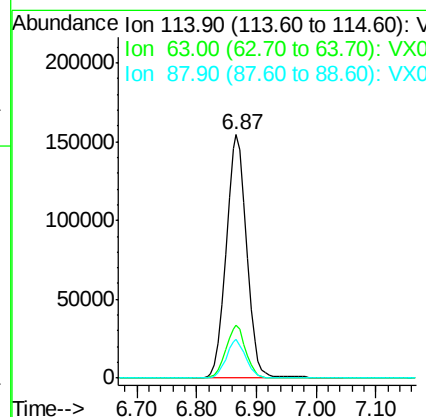
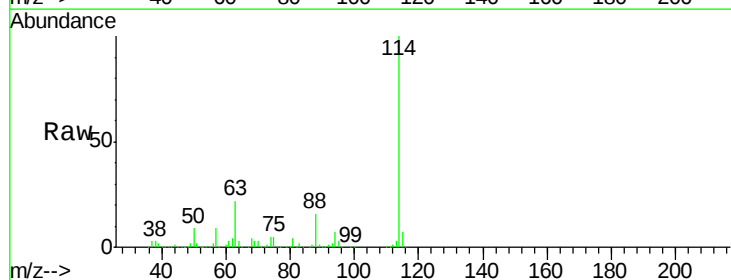
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.4
88	16.1	0.0	30.0





#35

Dibromofluoromethane

Concen: 46.948 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

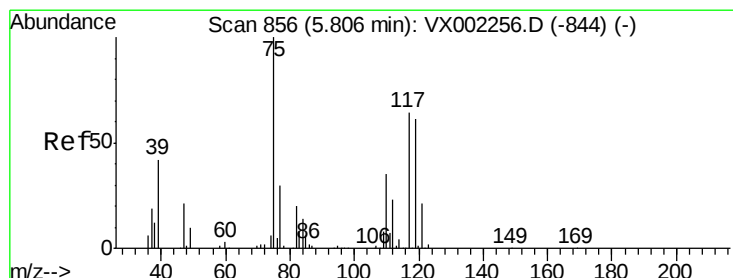
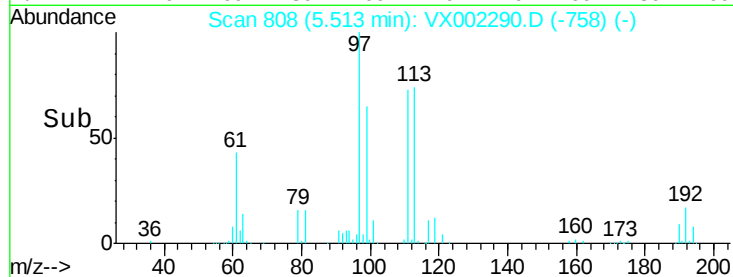
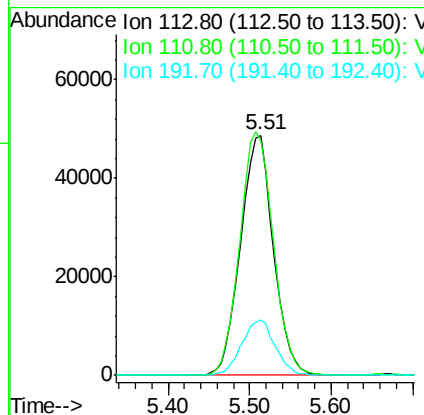
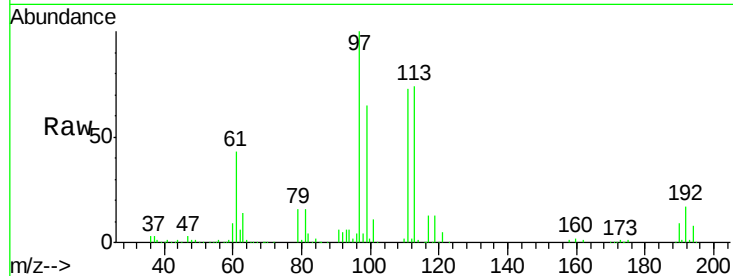
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	113	Resp:	136191
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.4	122.0
192	23.6	19.1	28.7

Manual Integrations
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6/5/2018 5:56:10 PM



#36

1,1-Dichloropropene

Concen: 50.741 ug/l

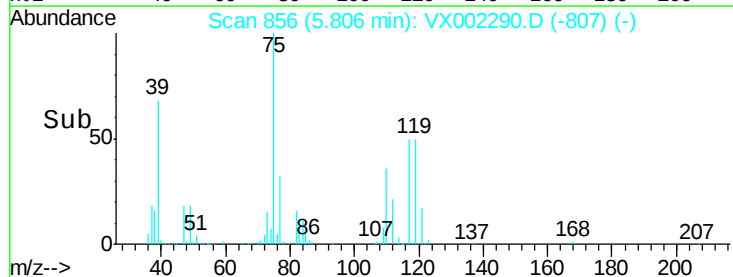
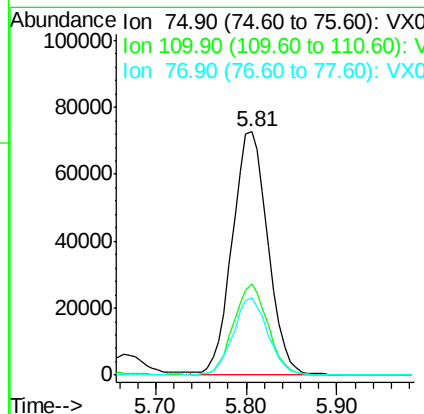
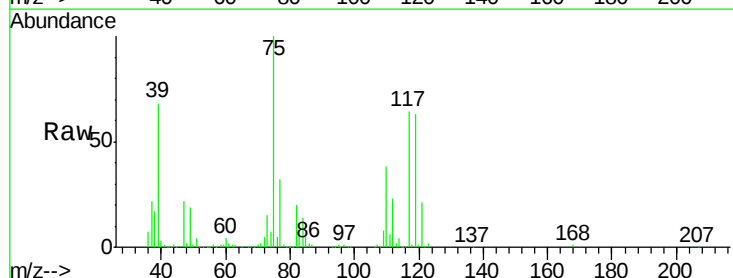
RT: 5.81 min Scan# 856

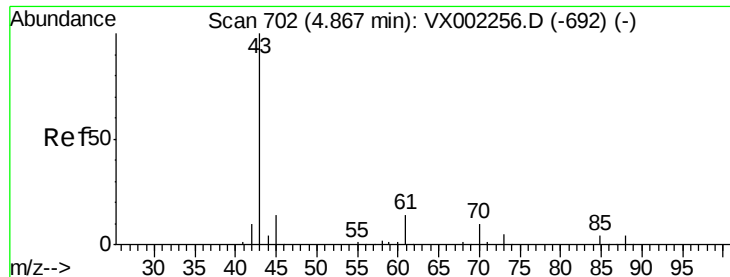
Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	75	Resp:	196773
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.1	54.4
77	30.7	24.3	36.5





#37

Ethyl Acetate

Concen: 45.014 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

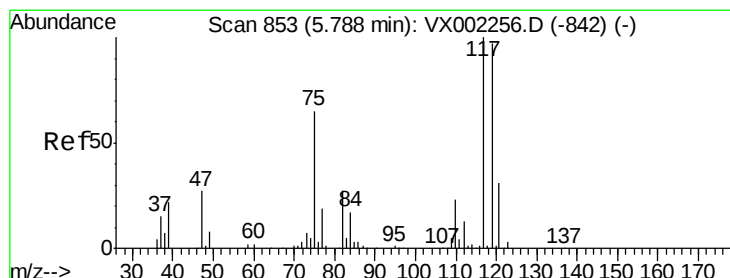
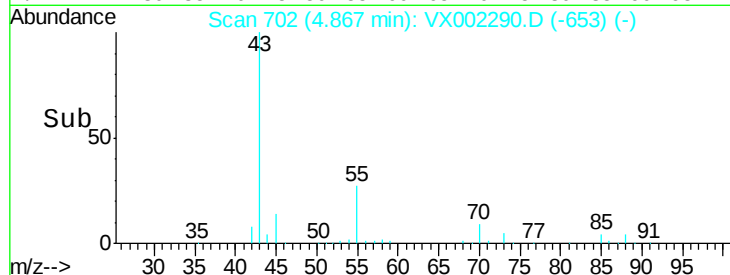
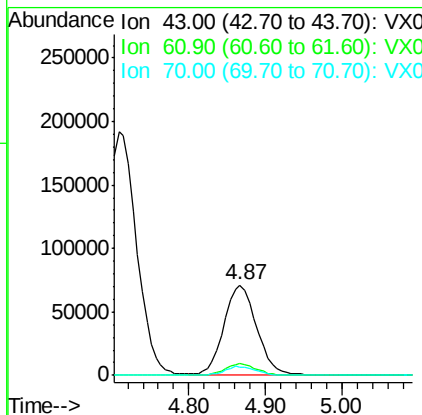
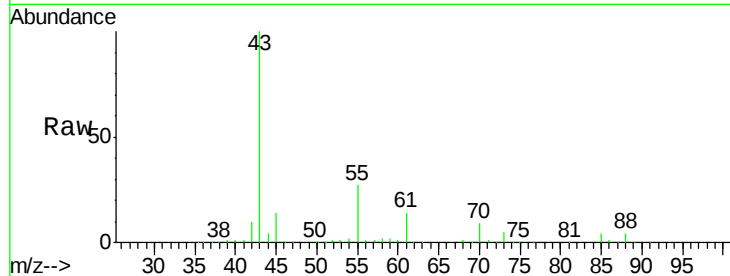
ClientSampleID :

SS004MW010-180529MS

Tot Ion:	43	Resp:	209928
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.4	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 51.107 ug/l

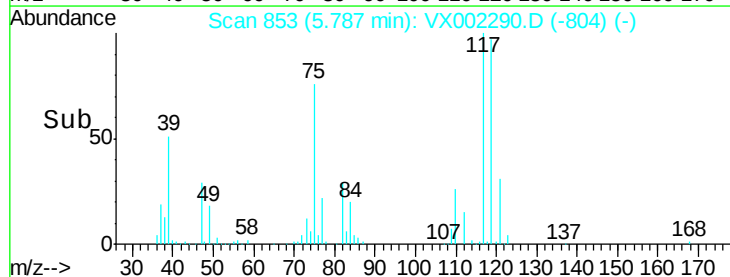
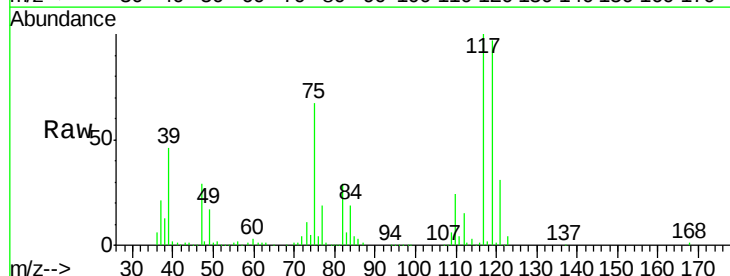
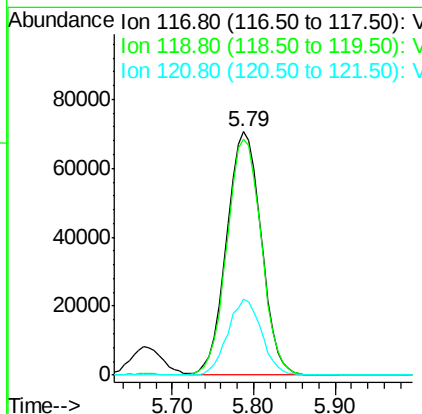
RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	117	Resp:	207336
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	31.3	24.4	36.6





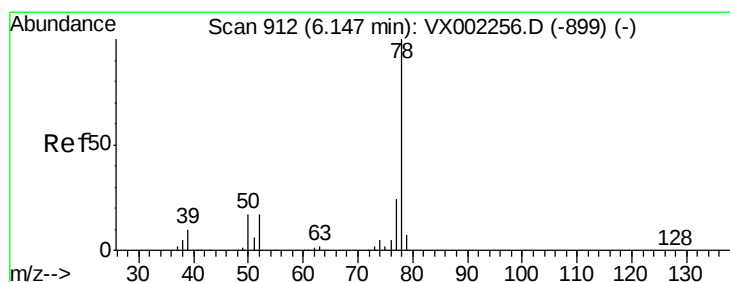
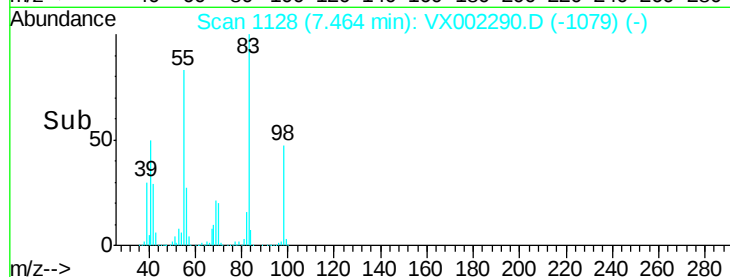
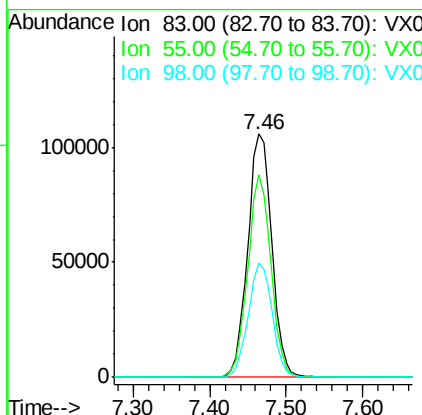
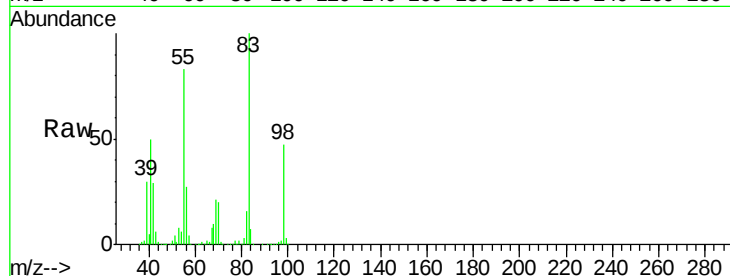
#39
Methvlcvclohexane
Concen: 48.519 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	65.4	98.0
98	47.0	37.4	56.0

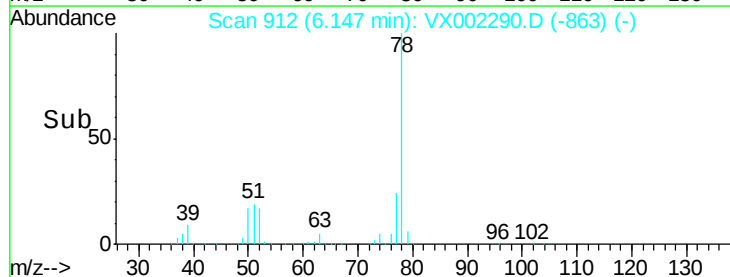
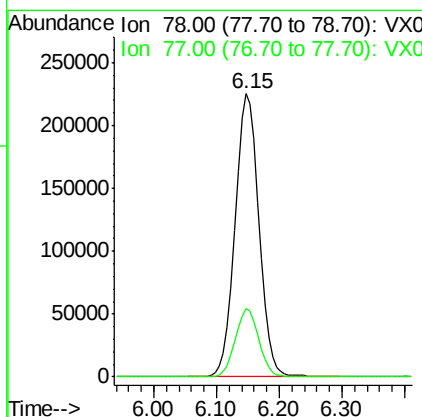
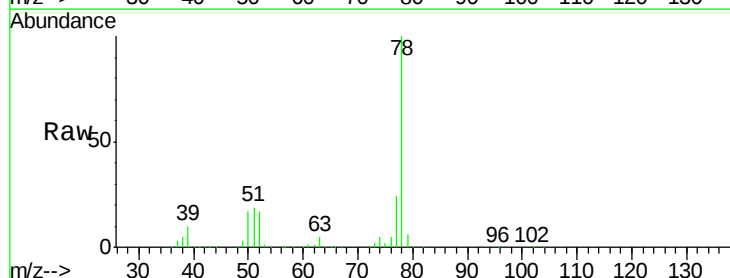
Manual Integrations
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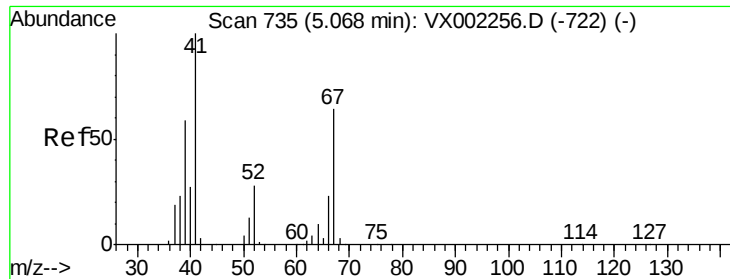
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#40
Benzene
Concen: 49.889 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7





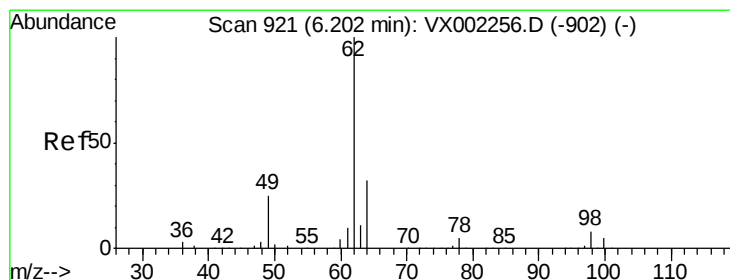
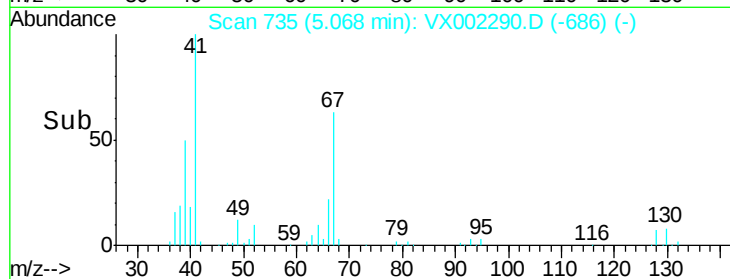
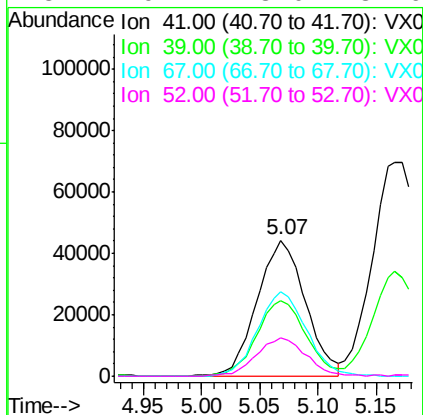
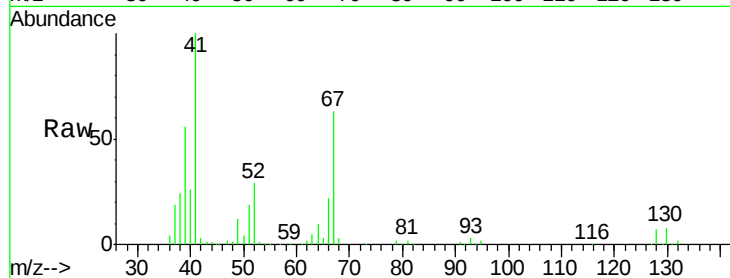
#41
Methacrylonitrile
Concen: 47.353 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.8	68.6	
67	63.9	51.3	76.9	
52	29.1	23.0	34.6	

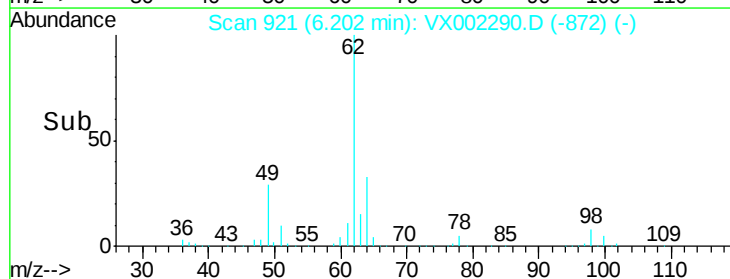
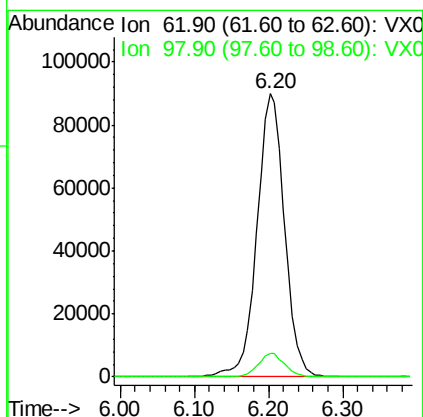
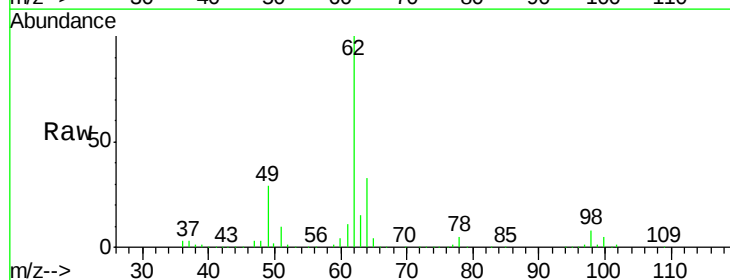
Manual Integrations
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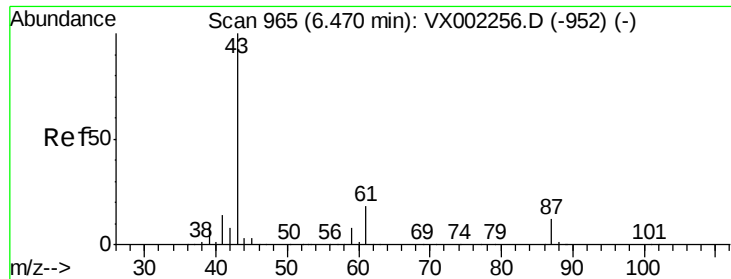
MMDadoda
6/5/2018 5:56:10 PM



#42
1,2-Dichloroethane
Concen: 49.223 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.0	0.0	16.6	





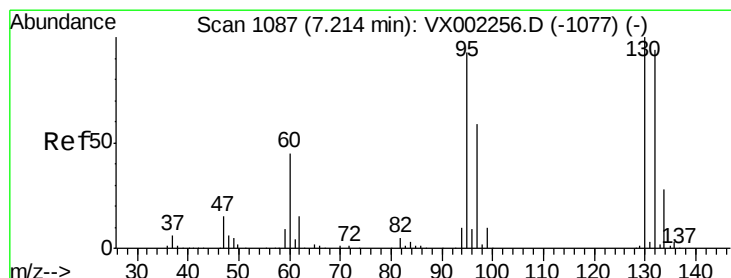
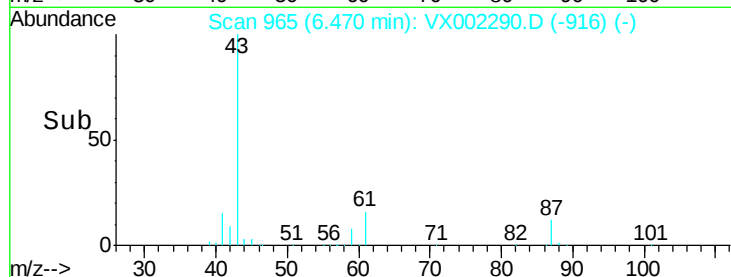
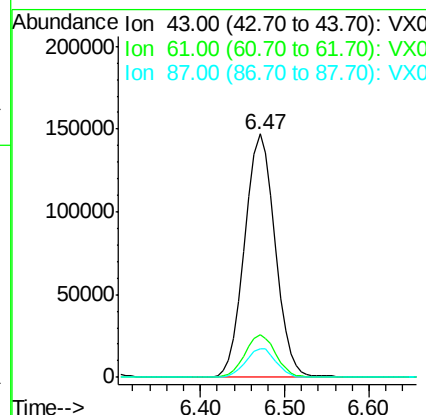
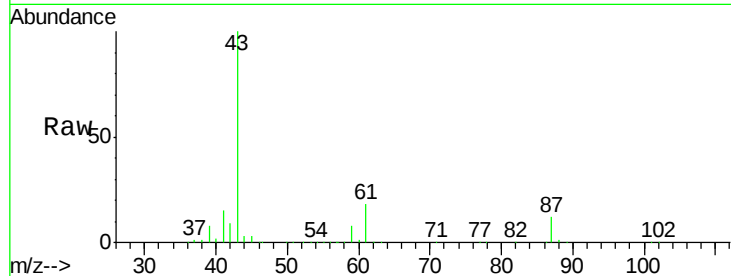
#43
Isopropyl Acetate
Concen: 45.208 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	11.9	9.5	14.3

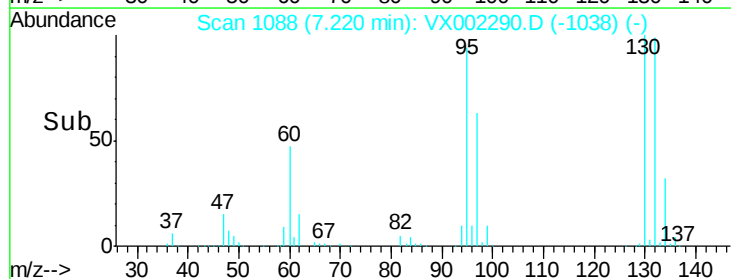
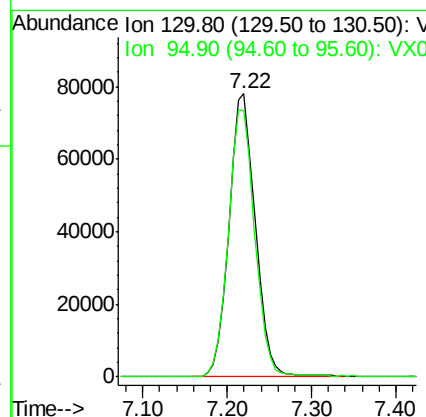
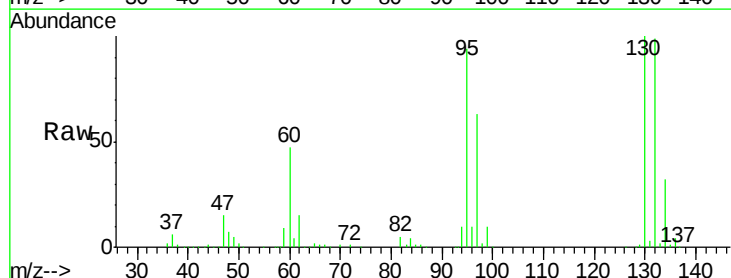
Manual Integrations
APPROVED

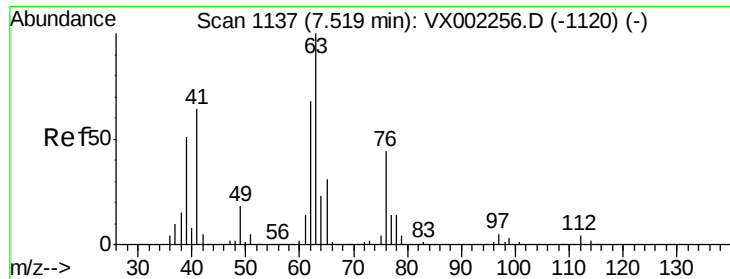
MMDadoda
6/5/2018 5:56:10 PM



#44
Trichloroethene
Concen: 50.505 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	185.4





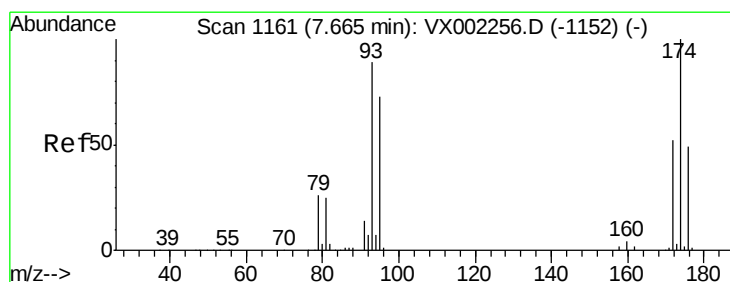
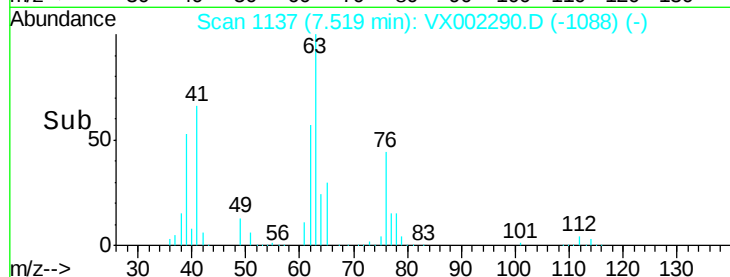
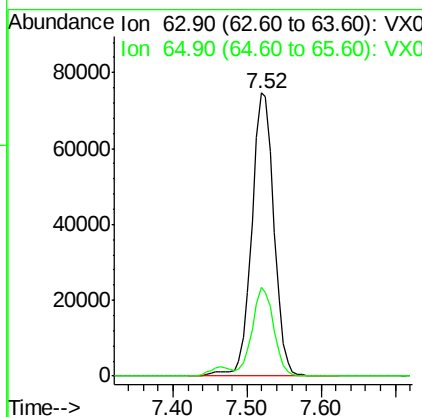
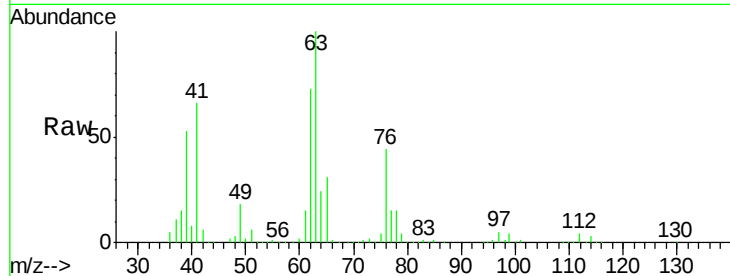
#45
 1,2-Dichloropropane
 Concen: 48.859 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion: 63 Resp: 156838
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

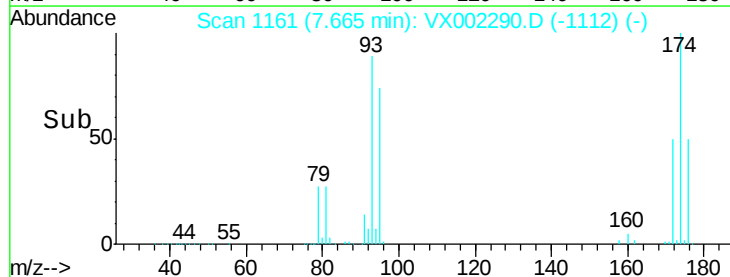
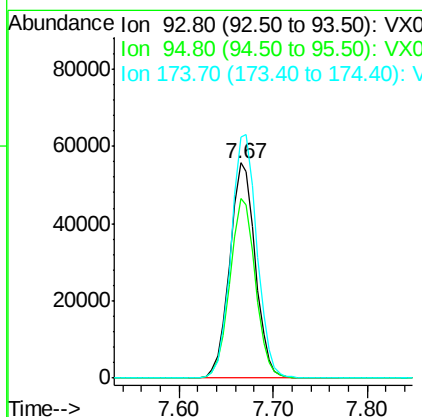
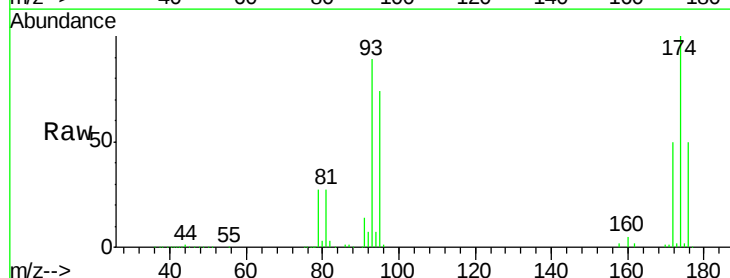
Manual Integrations
 APPROVED

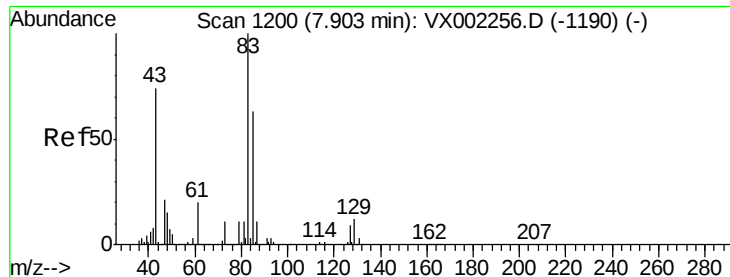
MMDadoda
 6/5/2018 5:56:10 PM



#46
 Dibromomethane
 Concen: 48.224 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 93 Resp: 104939
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 49.010 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

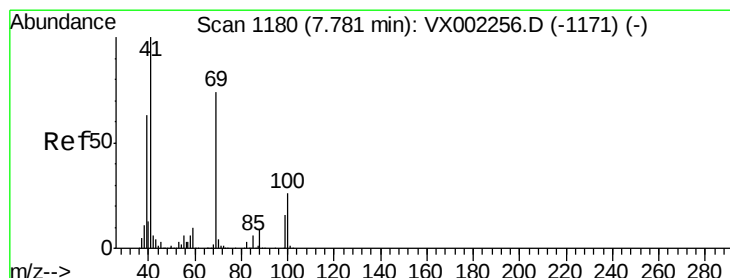
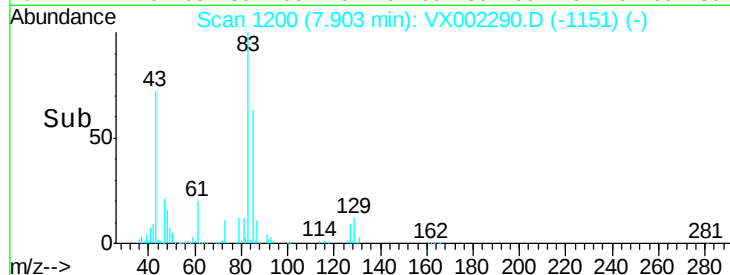
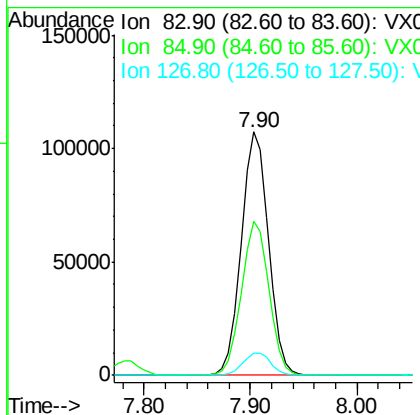
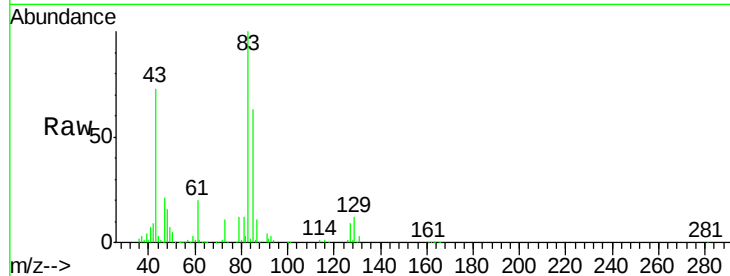
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	83	Resp:	192887
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
APPROVED

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#48

Methyl methacrylate

Concen: 49.265 ug/l

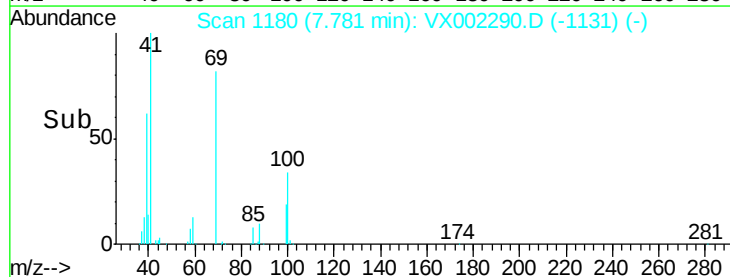
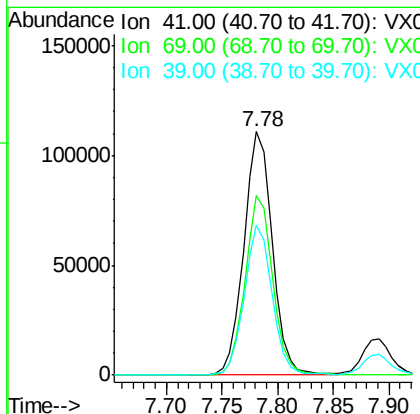
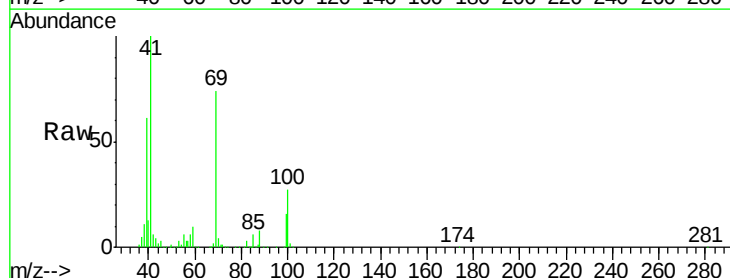
RT: 7.78 min Scan# 1180

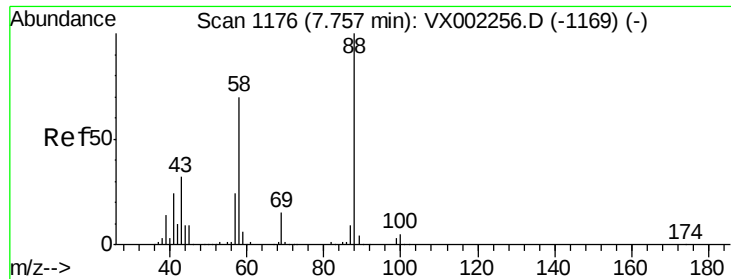
Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	41	Resp:	196021
Ion Ratio	Lower	Upper	
41	100		
69	72.4	59.1	88.7
39	60.0	48.9	73.3





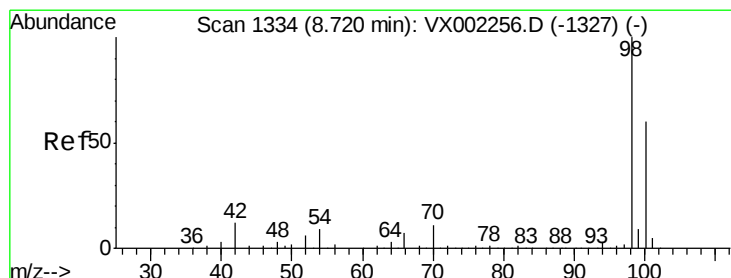
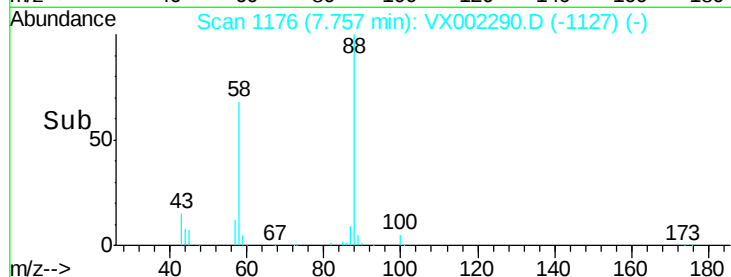
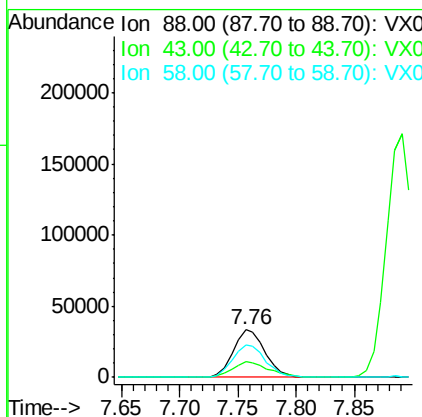
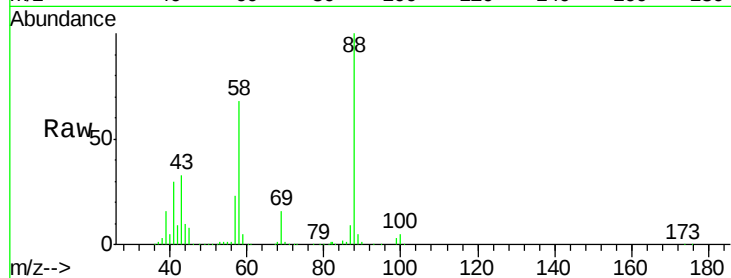
#49
1,4-Dioxane
Concen: 856.906 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.8	44.6
58	71.2	57.1	85.7

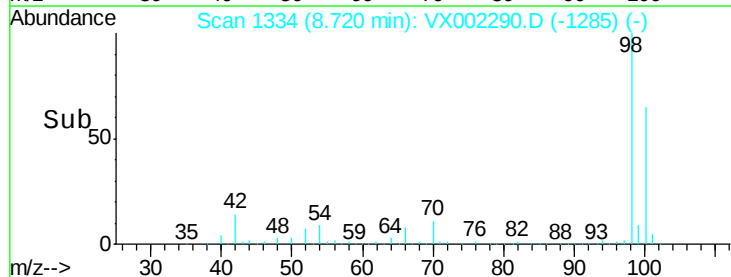
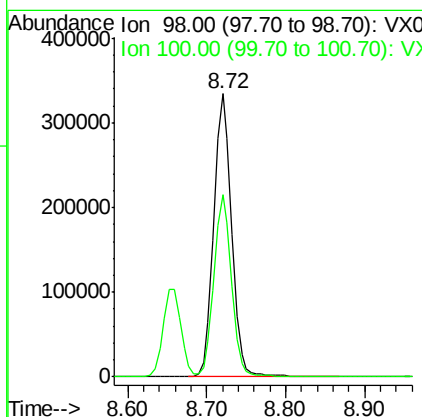
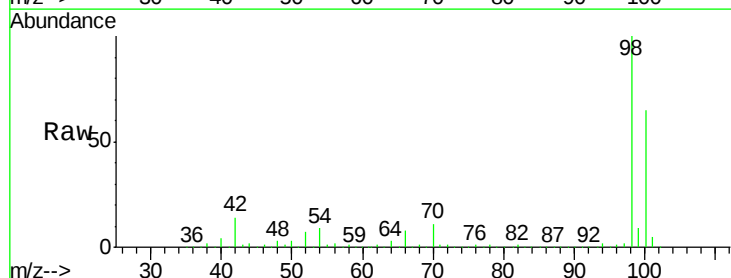
Manual Integrations
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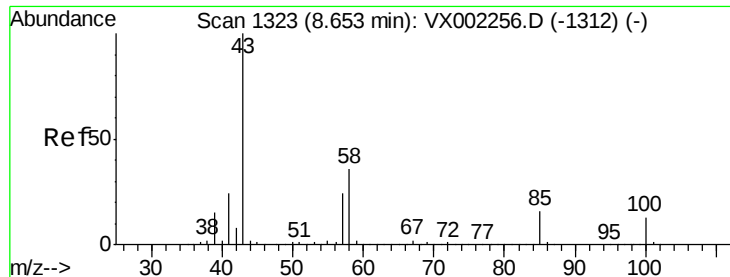
MMDadoda
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#50
Toluene-d8
Concen: 47.410 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 243.350 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 43 Resp: 1200431

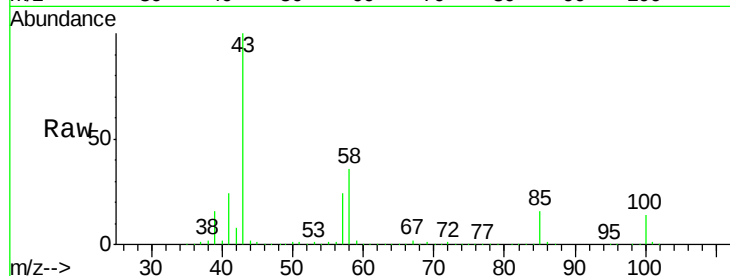
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

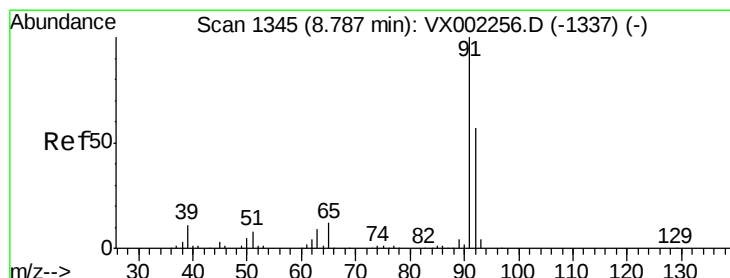
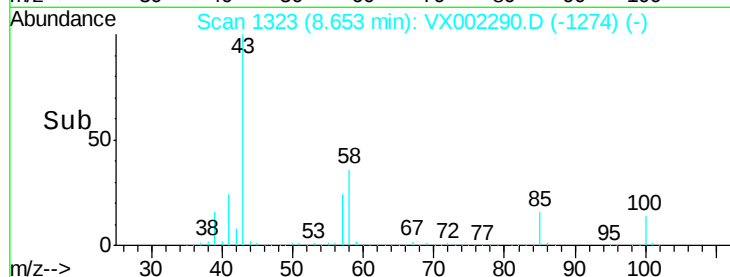
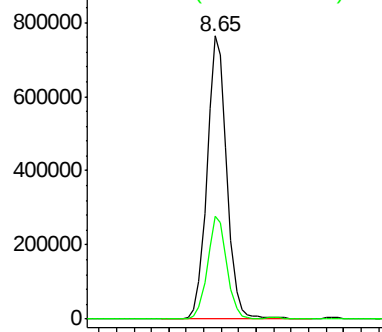
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.986 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002290.D

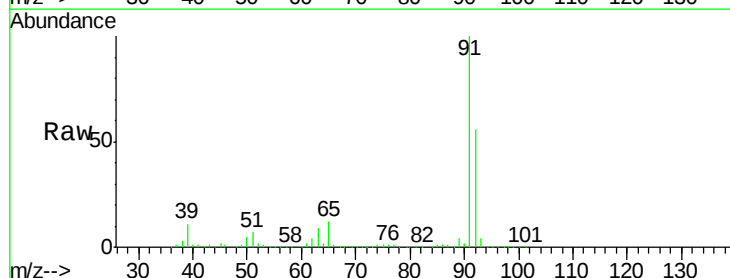
Acq: 05 Jun 2018 05:25

Tgt Ion: 92 Resp: 385579

Ion Ratio Lower Upper

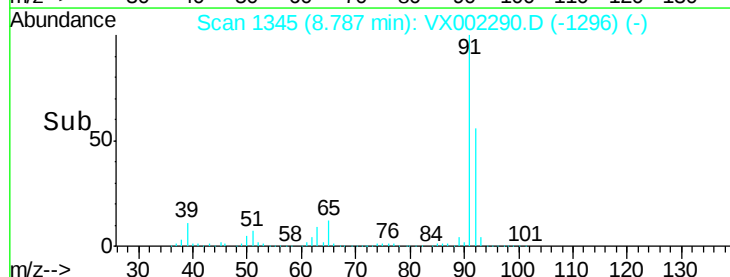
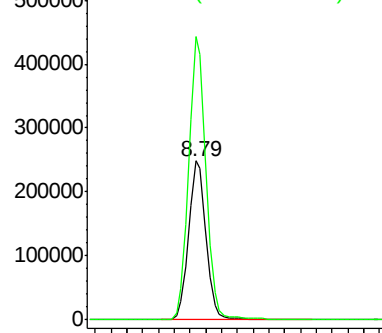
92 100

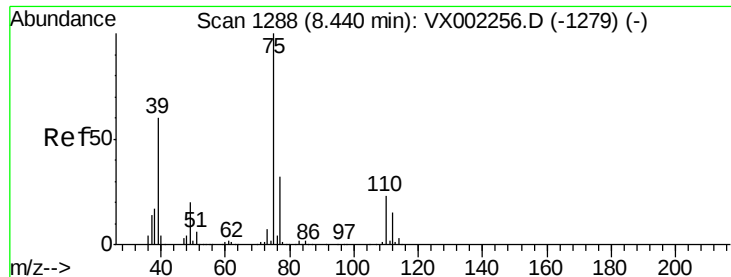
91 176.0 140.4 210.6



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: 46.780 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 75 Resp: 220787

Ion Ratio Lower Upper

75 100

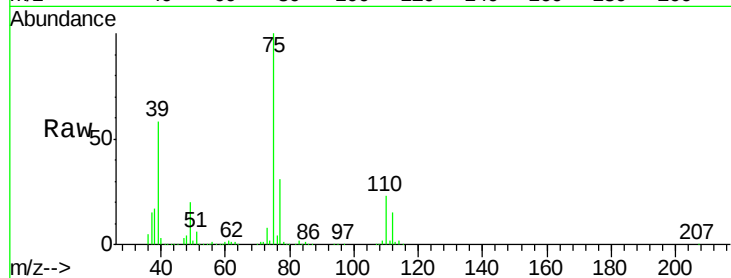
77 31.4 25.4 38.2

Manual Integrations

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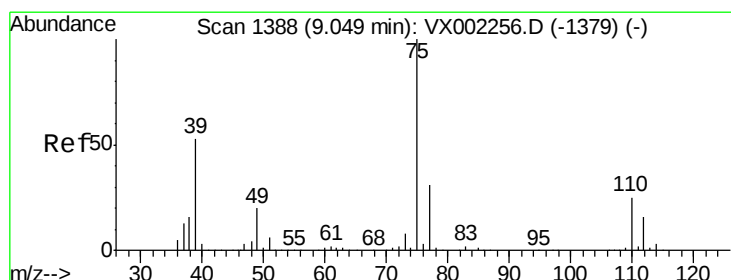
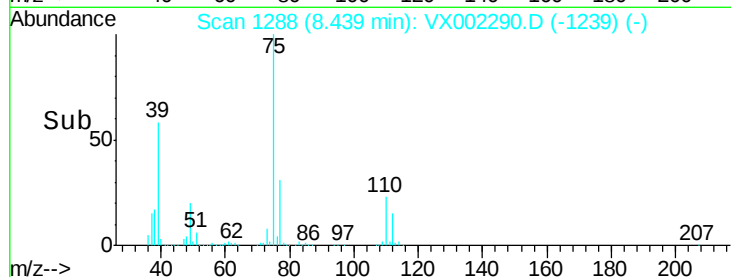
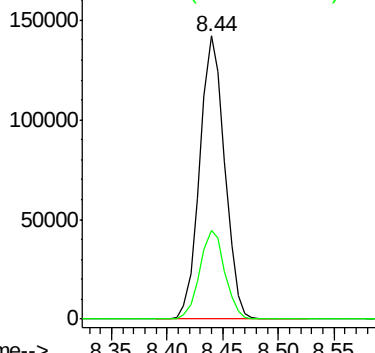
MMDadoda

6/5/2018 5:56:10 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.372 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

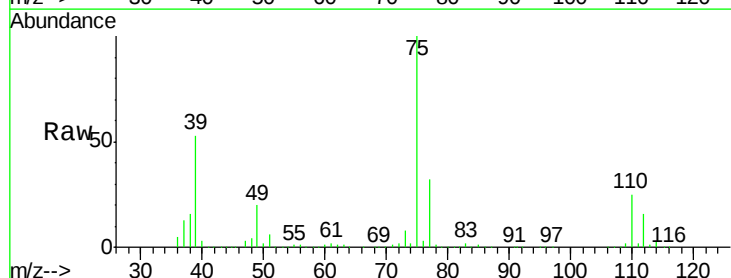
Tgt Ion: 75 Resp: 206484

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

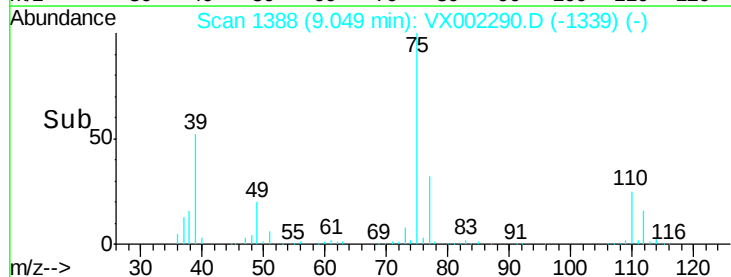
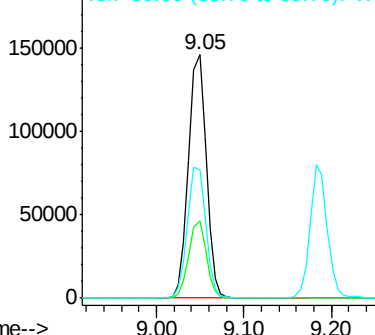
39 52.4 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





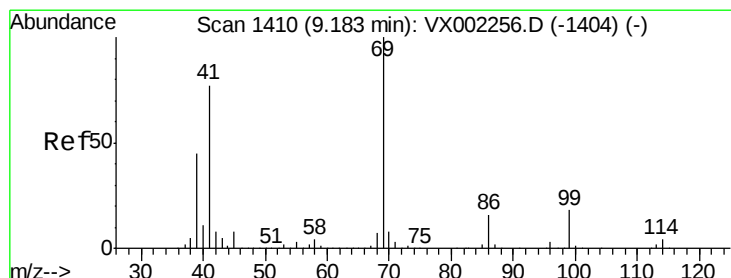
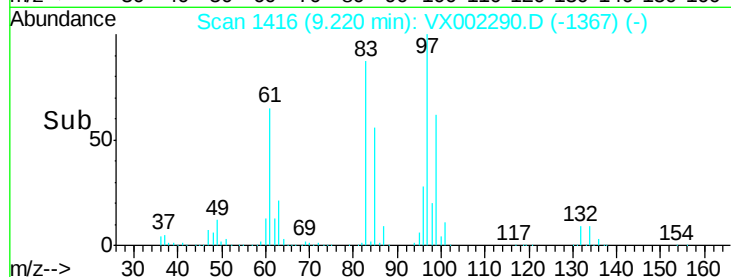
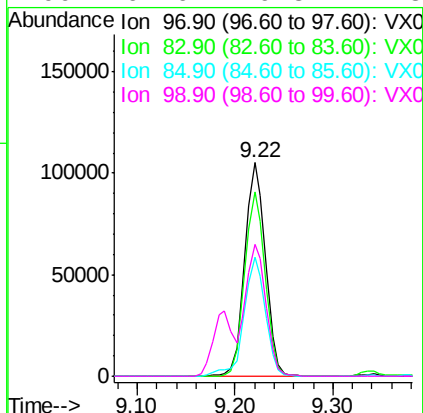
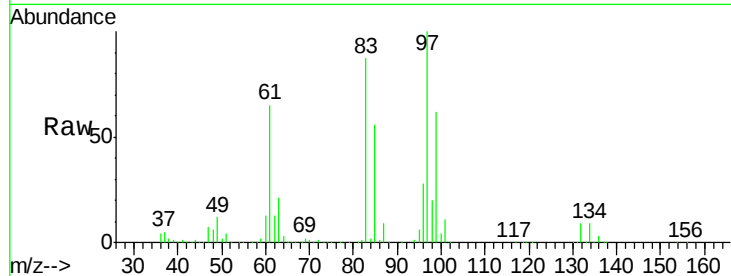
#55
 1,1,2-Trichloroethane
 Concen: 49.764 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.9	44.9	67.3
99	61.6	49.8	74.8

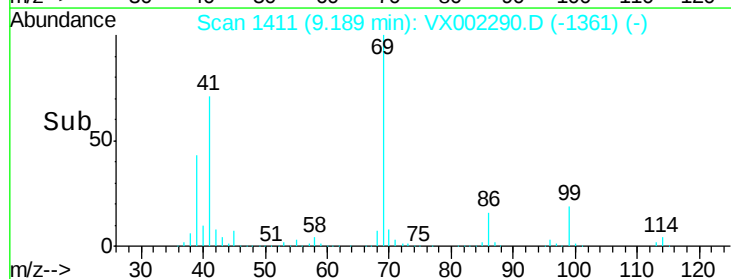
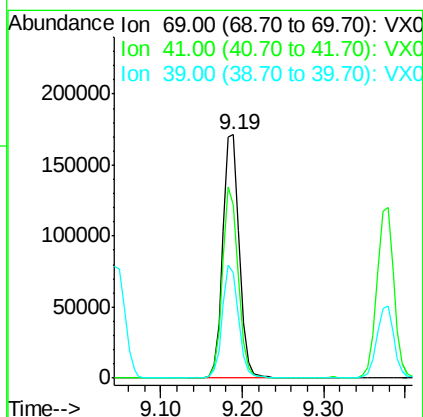
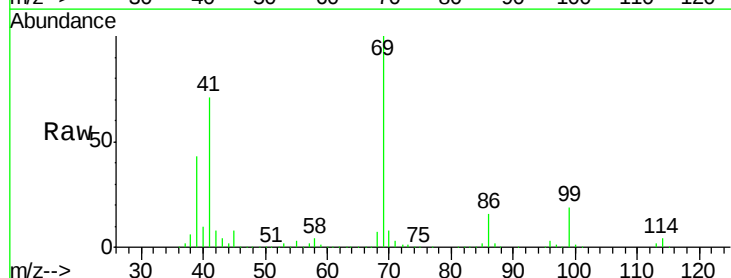
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 48.442 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.3	90.5
39	45.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.796 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 76 Resp: 254624

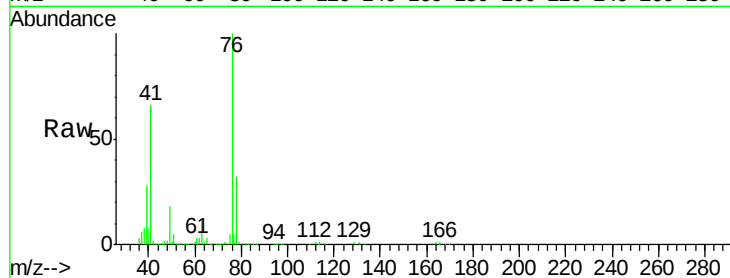
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6

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

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

150000

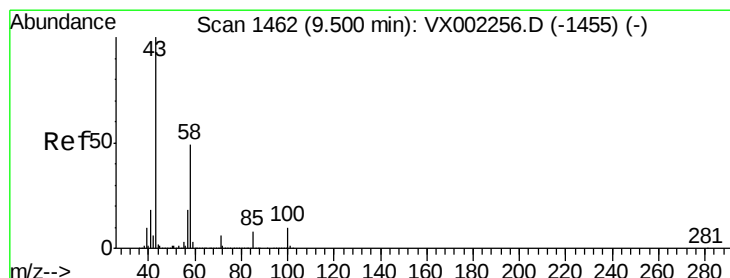
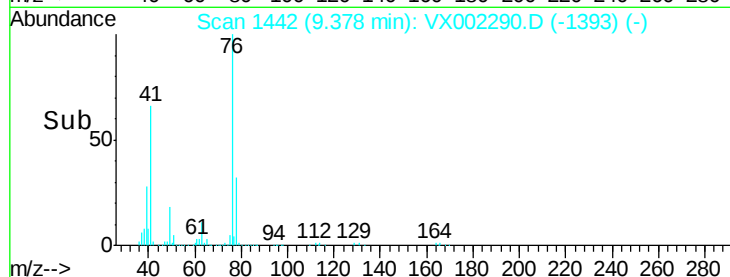
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 241.377 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002290.D

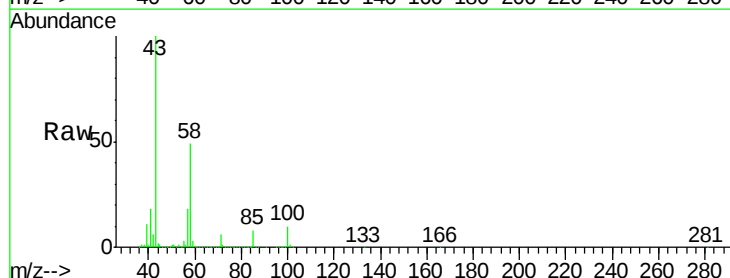
Acq: 05 Jun 2018 05:25

Tgt Ion: 43 Resp: 919705

Ion Ratio Lower Upper

43 100

58 49.5 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

800000

600000

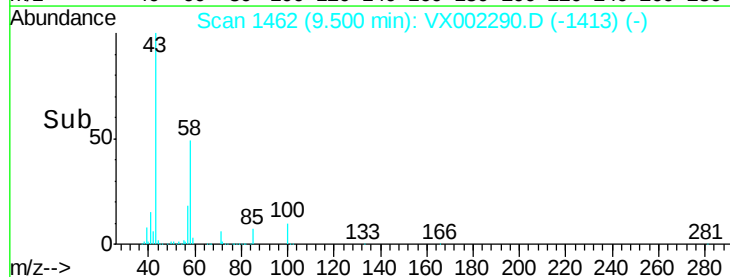
400000

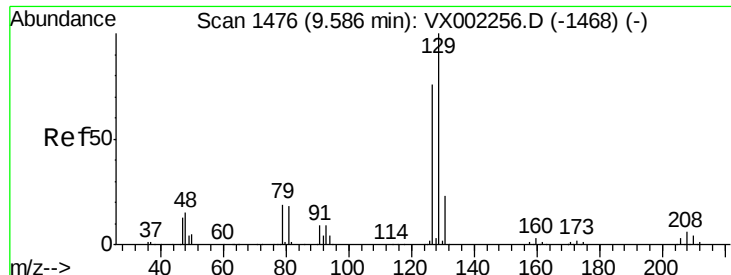
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.351 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion:129 Resp: 157528

Ion Ratio Lower Upper

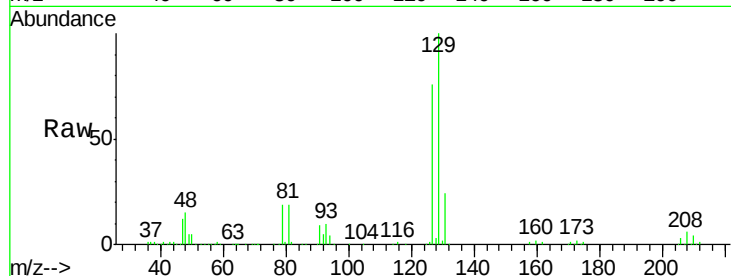
129 100

127 76.9 38.5 115.3

Manual Integrations
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

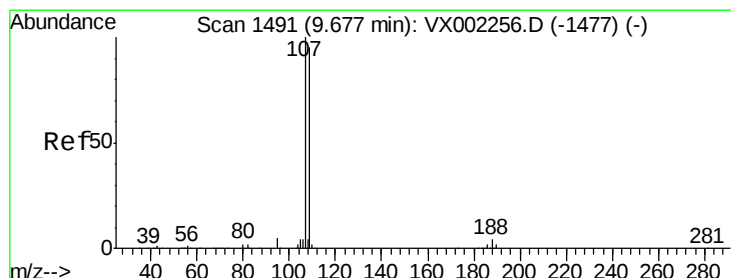
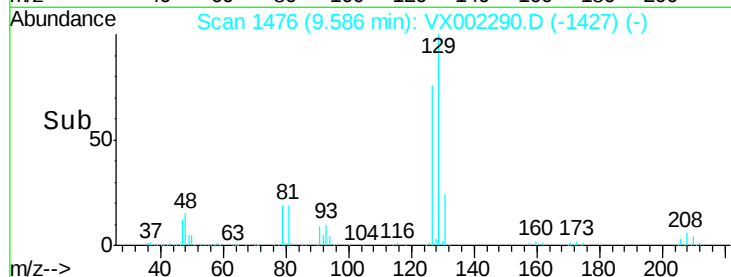
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 50.540 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002290.D

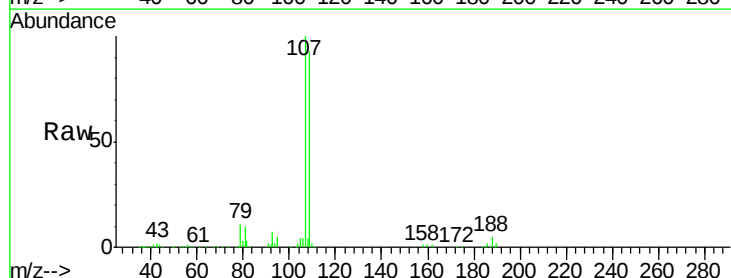
Acq: 05 Jun 2018 05:25

Tgt Ion:107 Resp: 163909

Ion Ratio Lower Upper

107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

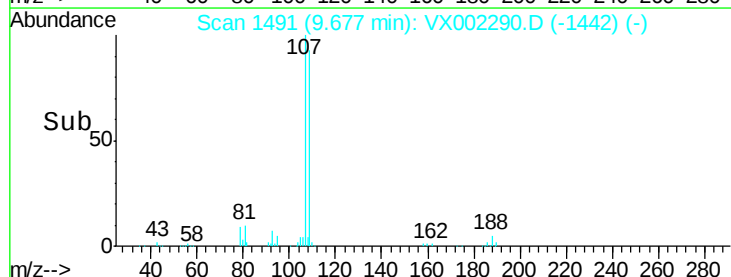
9.68

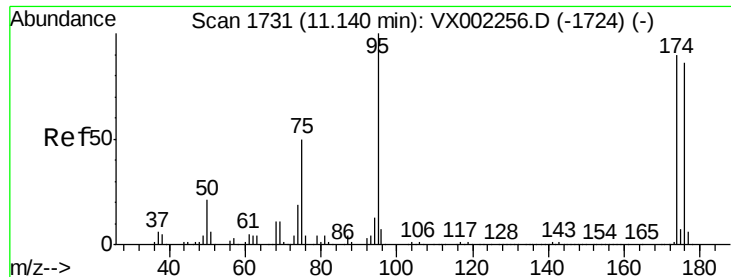
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80





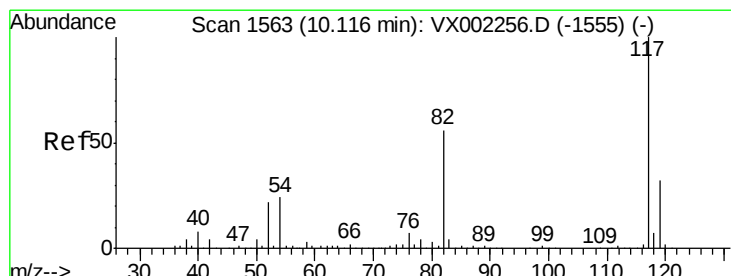
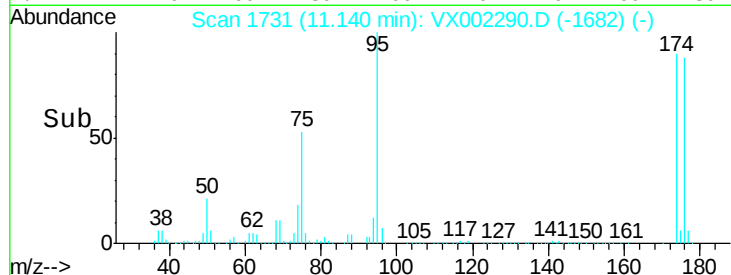
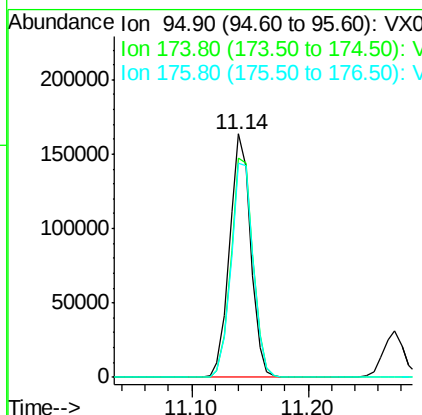
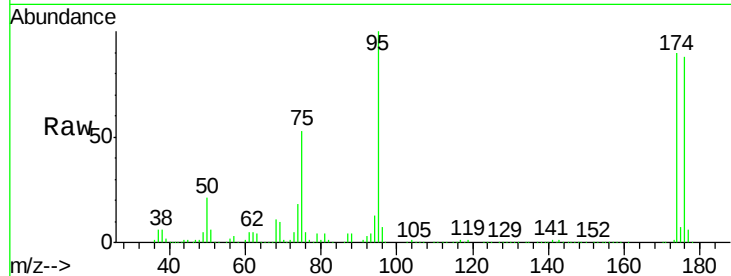
#62
4-Bromofluorobenzene
Concen: 48.128 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	206354		
174	93.9	0.0	187.4	
176	92.1	0.0	181.0	

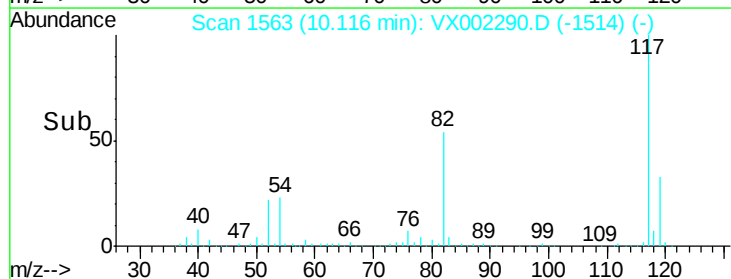
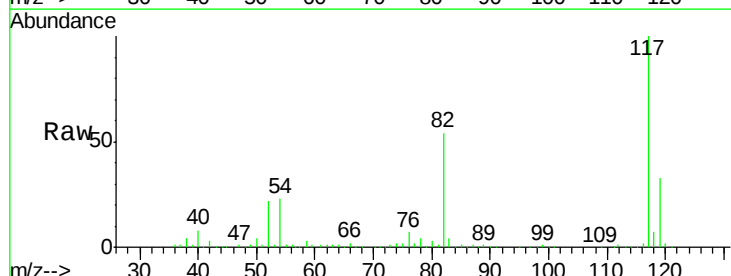
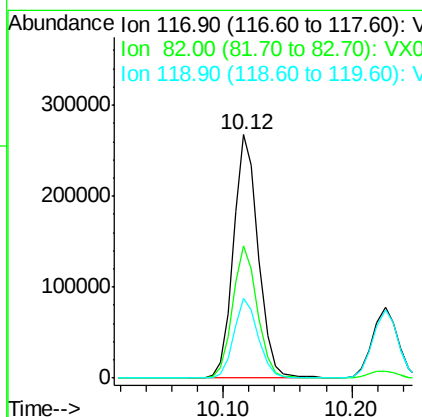
Manual Integrations
APPROVED

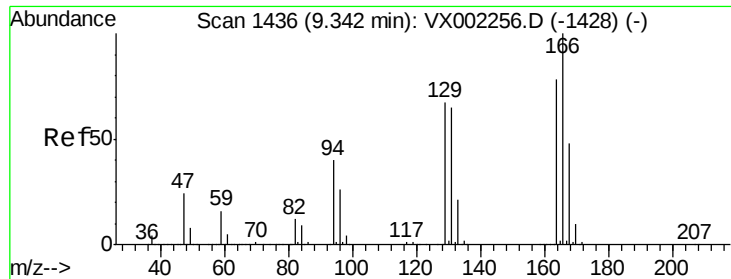
MMDadoda
6/5/2018 5:56:10 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358221		
82	54.4	45.0	67.4	
119	32.6	25.8	38.6	





#64

Tetrachloroethene

Concen: 48.451 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion:164 Resp: 178997

Ion Ratio Lower Upper

164 100

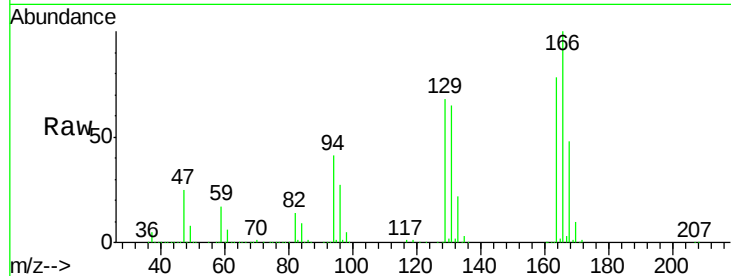
166 128.5 102.9 154.3

129 87.1 68.6 102.8

131 84.1 66.8 100.2

Manual Integrations
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MMDadoda
6/5/2018 5:56:10 PM

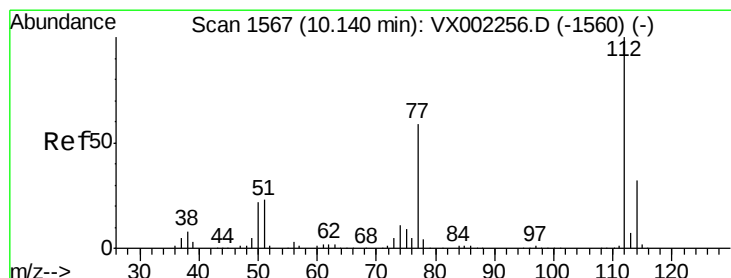
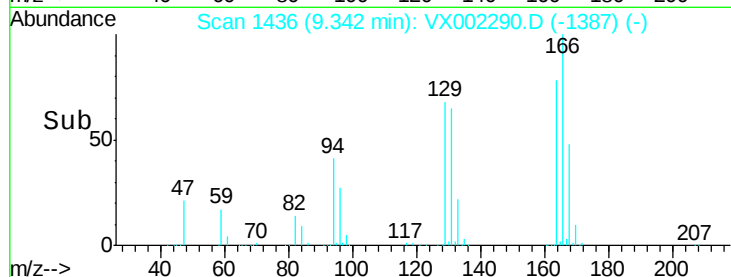
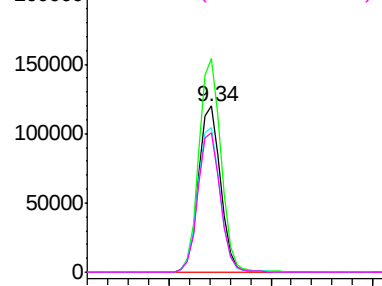


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.309 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002290.D

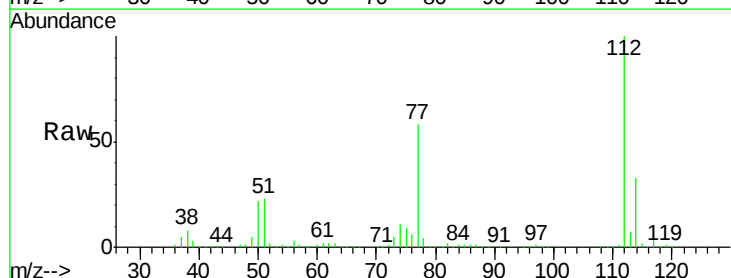
Acq: 05 Jun 2018 05:25

Tgt Ion:112 Resp: 439521

Ion Ratio Lower Upper

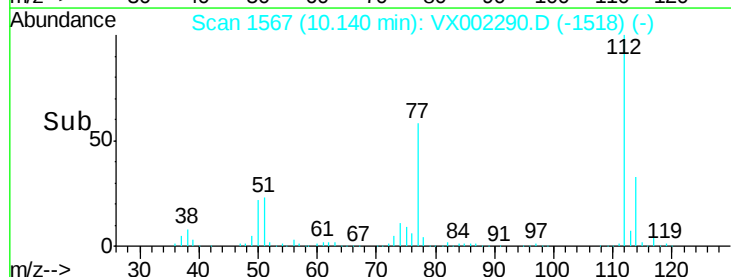
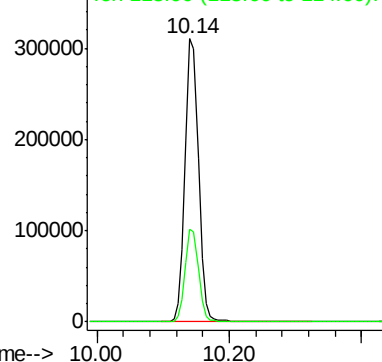
112 100

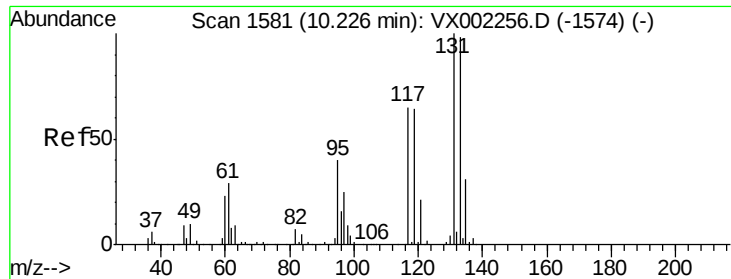
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





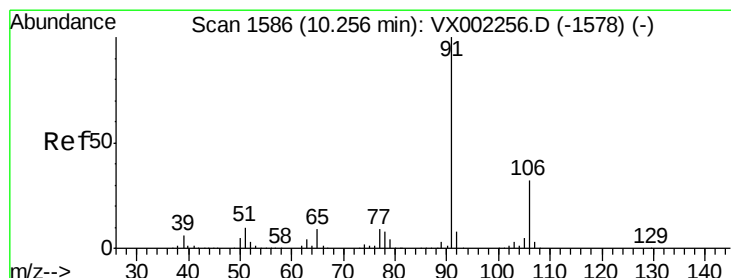
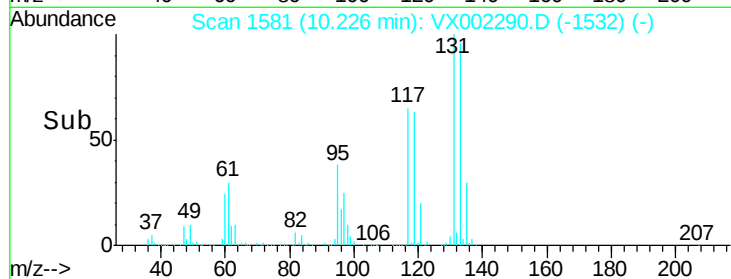
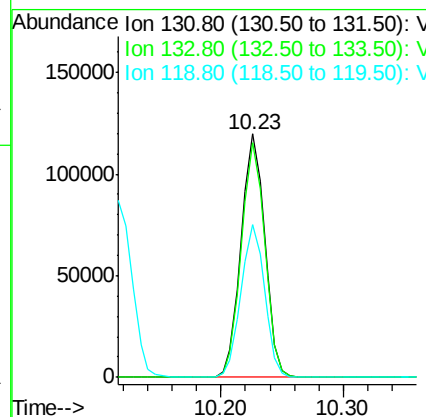
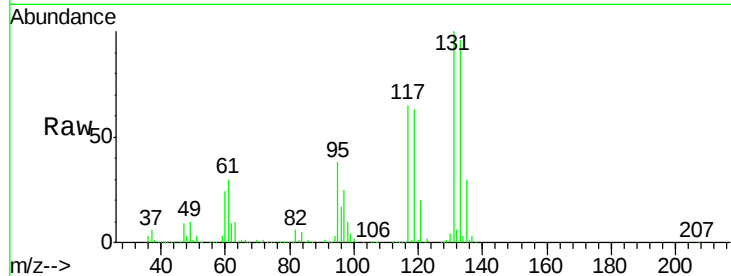
#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.677 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	160332		
133	95.4	47.9	143.6	
119	62.7	31.8	95.3	

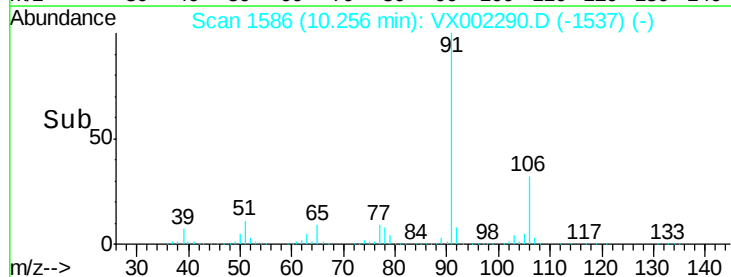
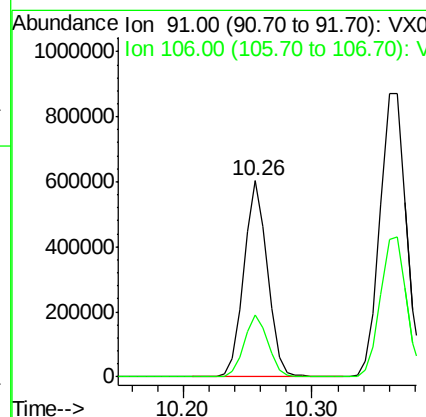
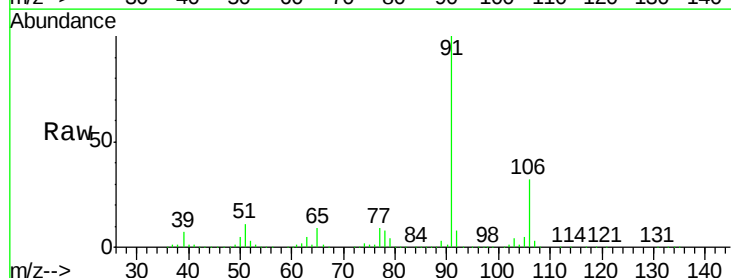
Manual Integrations
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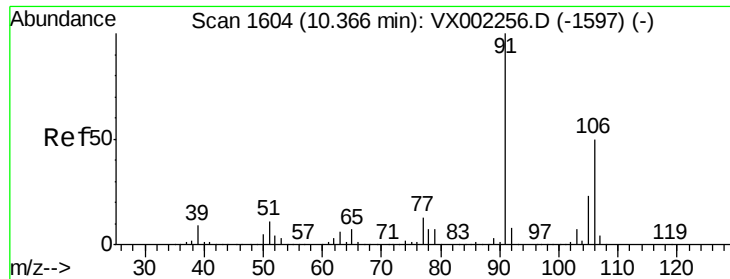
MMDadoda
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#67
 Ethyl Benzene
 Concen: 51.202 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	763784		
106	31.5	25.5	38.3	





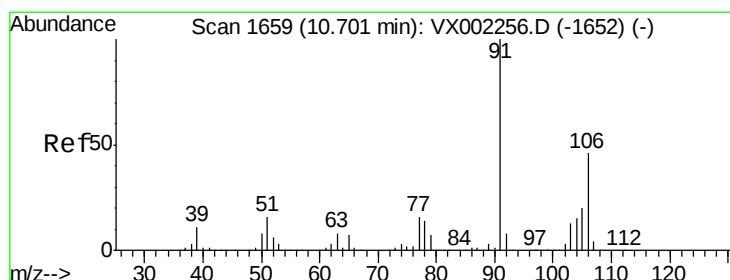
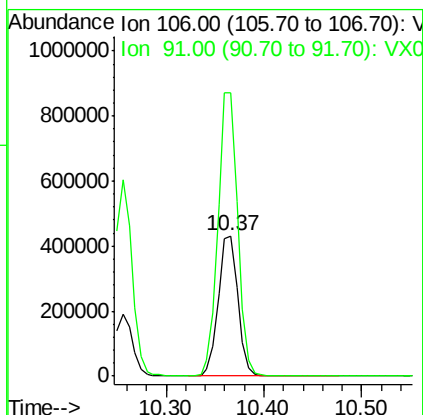
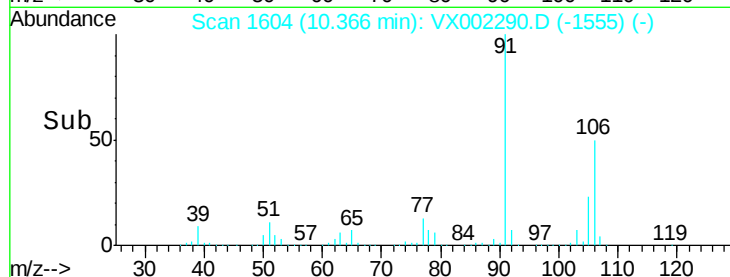
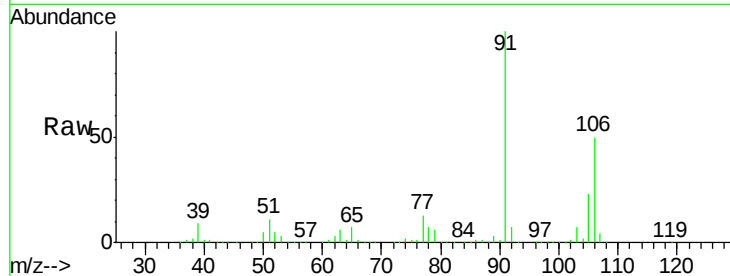
#68
m/p-Xylenes
Concen: 103.413 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion:106 Resp: 599650
Ion Ratio Lower Upper
106 100
91 204.0 163.4 245.2

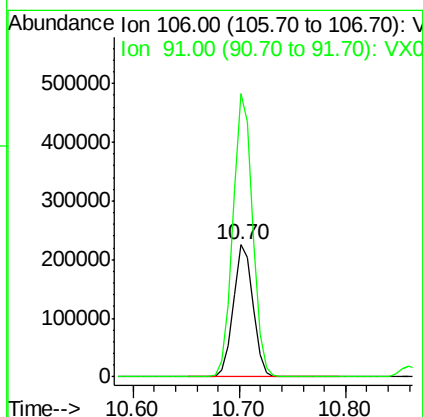
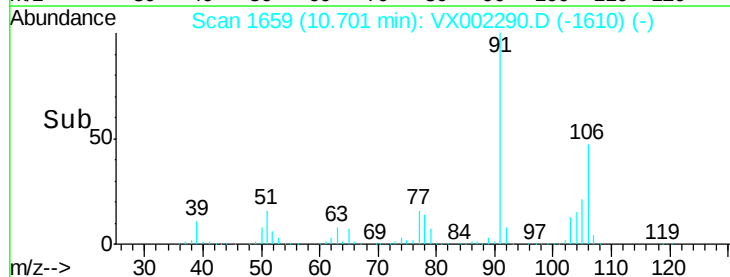
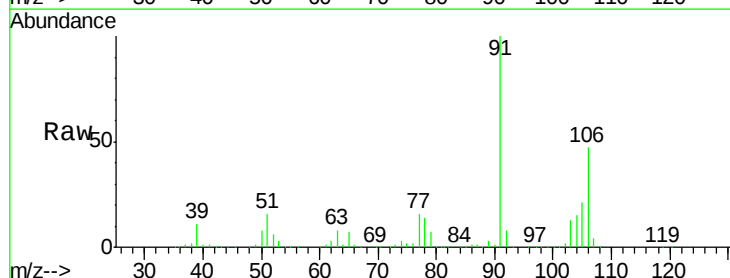
Manual Integrations
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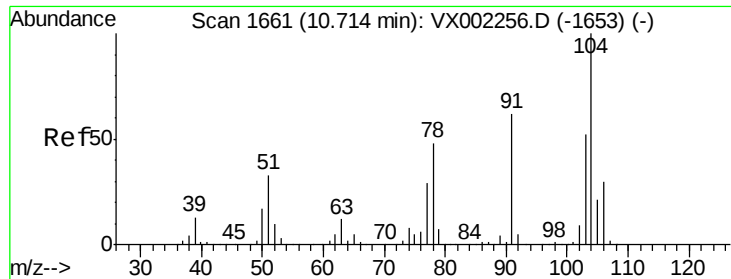
MMDadoda
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#69
o-Xylene
Concen: 50.659 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:106 Resp: 292328
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6





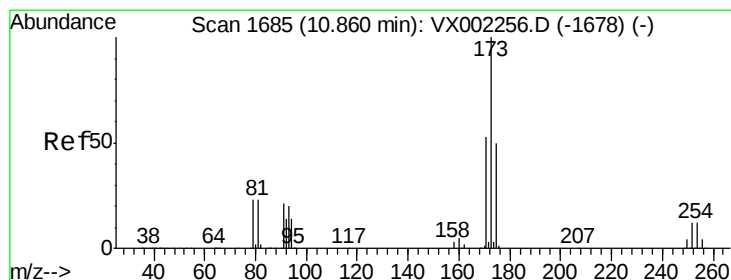
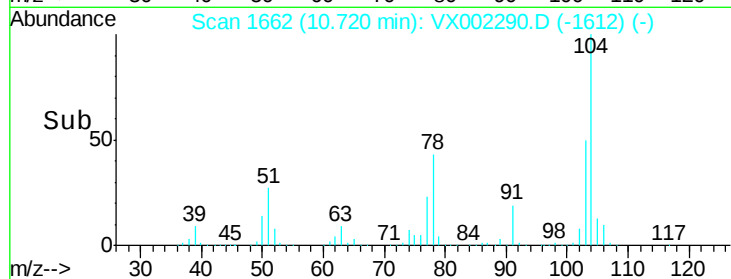
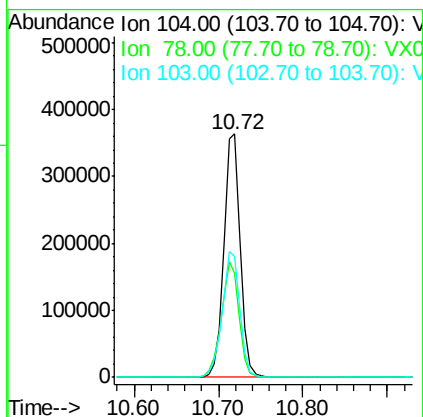
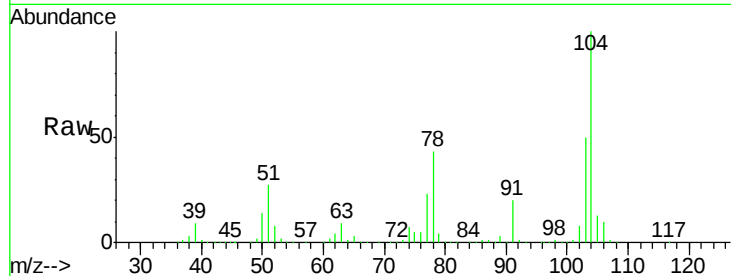
#70
Stvrene
Concen: 51.763 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	41.0	61.6
103	55.7	44.2	66.4

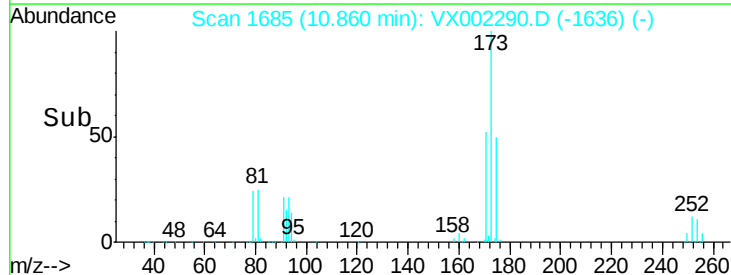
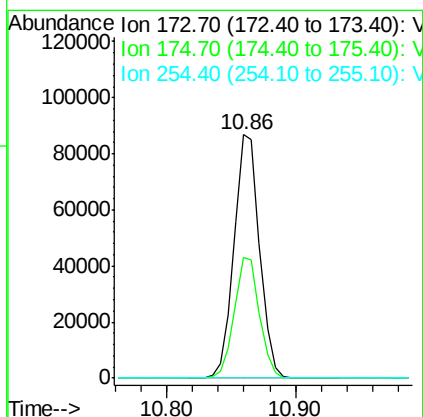
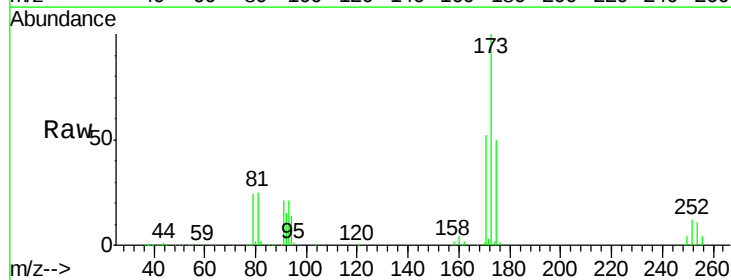
Manual Integrations
APPROVED

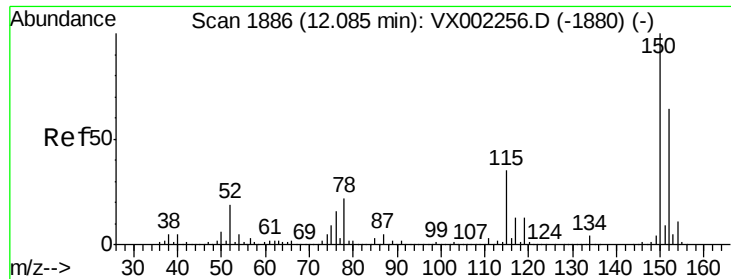
MMDadoda
6/5/2018 5:56:10 PM



#71
Bromoform
Concen: 42.082 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	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: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

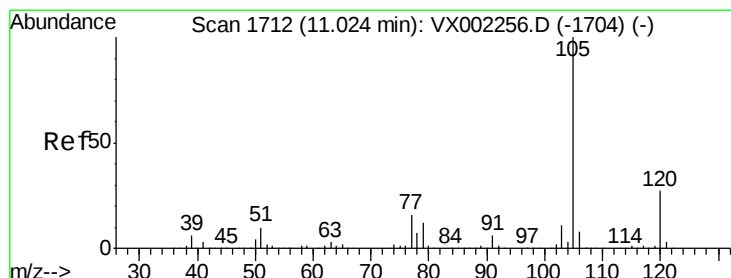
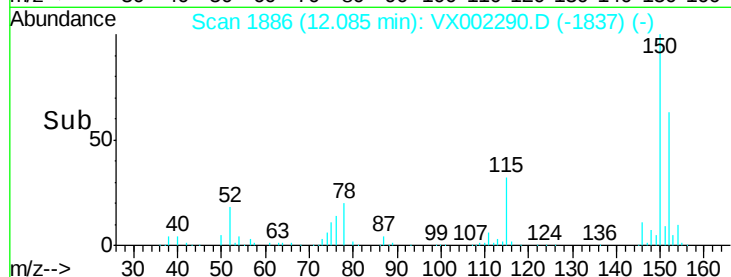
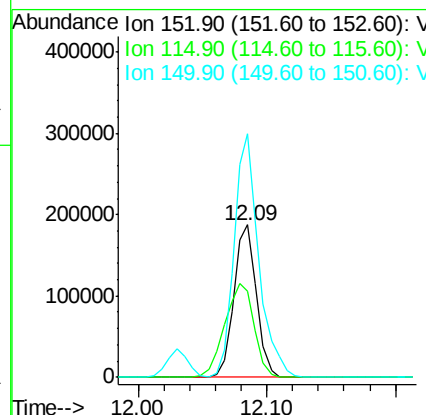
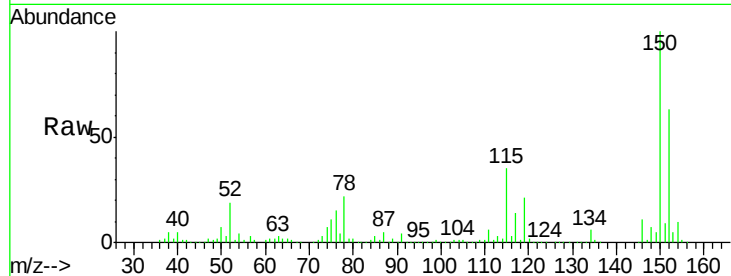
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	152	Resp:	228869
Ion Ratio	Lower	Upper	
152	100		
115	80.3	40.1	120.2
150	174.6	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 49.784 ug/l

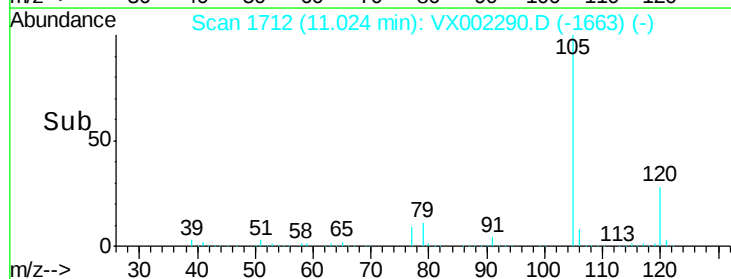
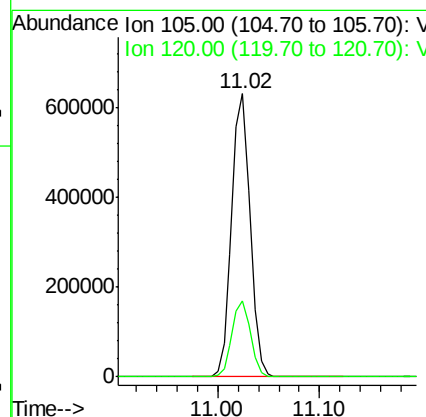
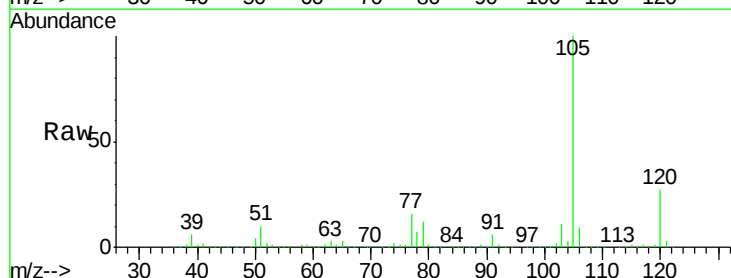
RT: 11.02 min Scan# 1712

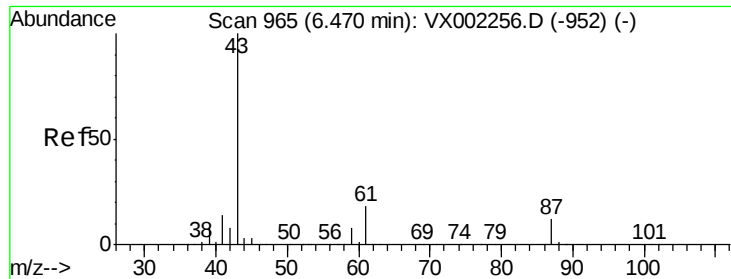
Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	105	Resp:	792620
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 41.743 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

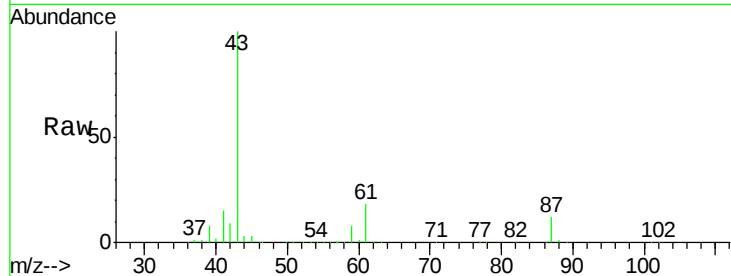
ClientSampleId :

SS004MW010-180529MS

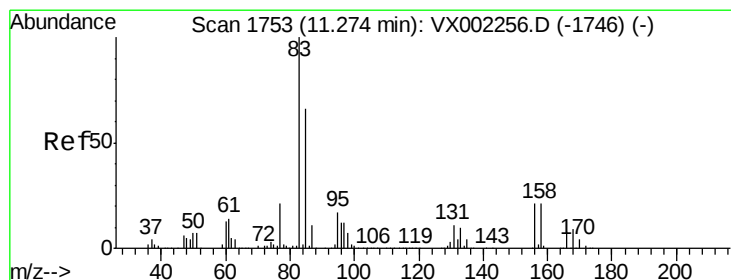
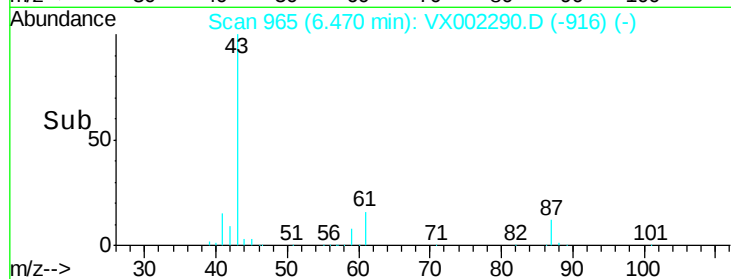
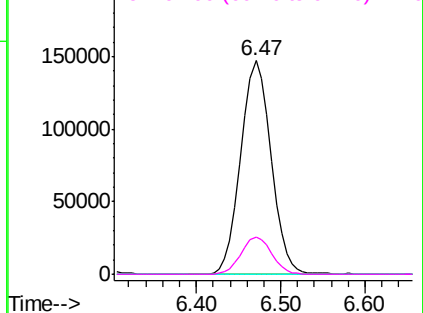
Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		358109		
70	0.0	0.0	0.0		
55	0.2	0.0	0.0		
61	17.9	14.4	21.6		

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.250 ug/l

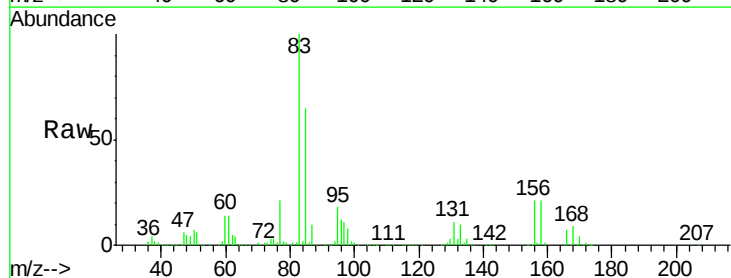
RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

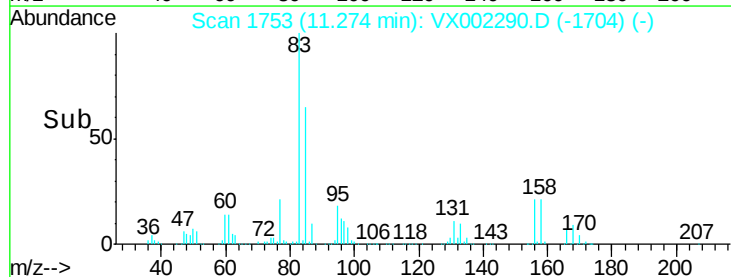
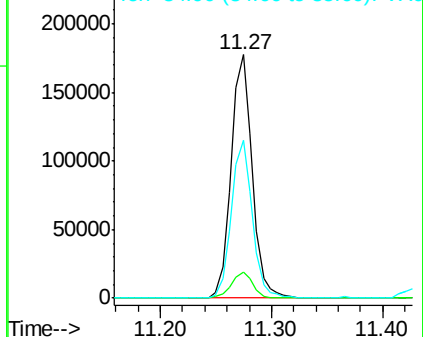
Lab File: VX002290.D

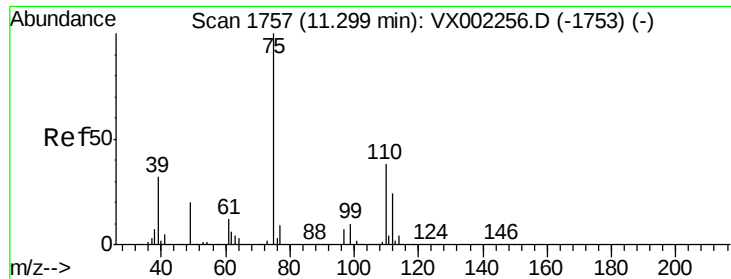
Acq: 05 Jun 2018 05:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		231597		
131	10.9	5.6	16.8		
85	64.7	32.4	97.2		



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





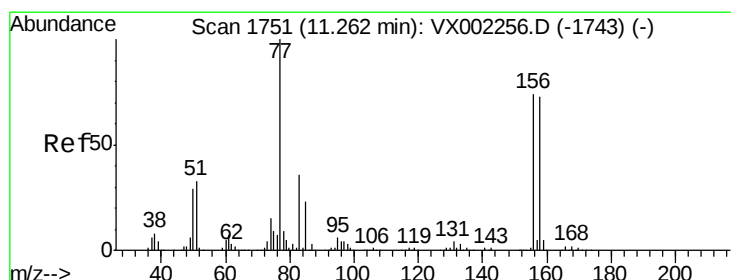
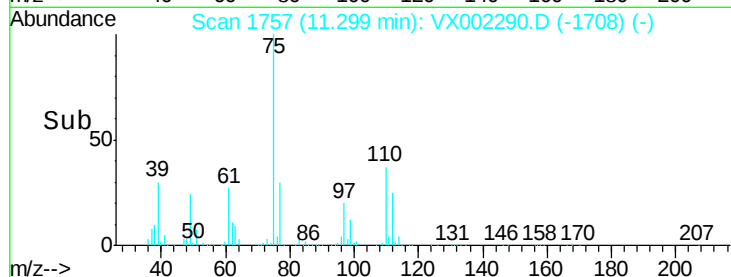
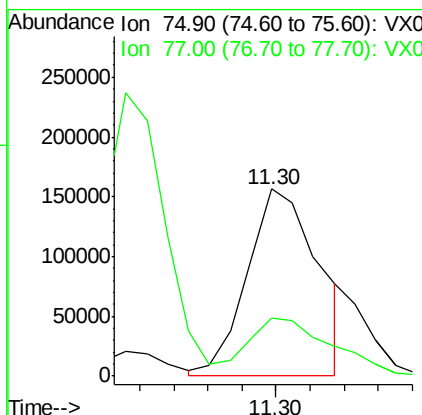
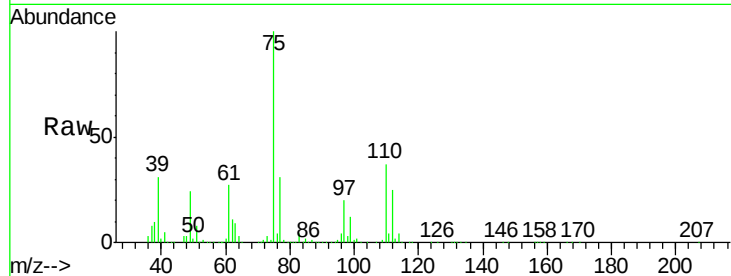
#76
 1,2,3-Trichloropropane
 Concen: 45.318 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion: 75 Resp: 227587
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.8 68.3

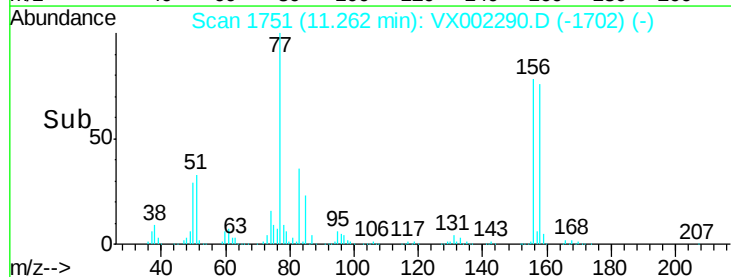
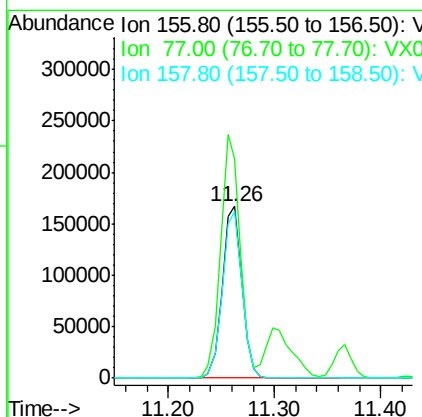
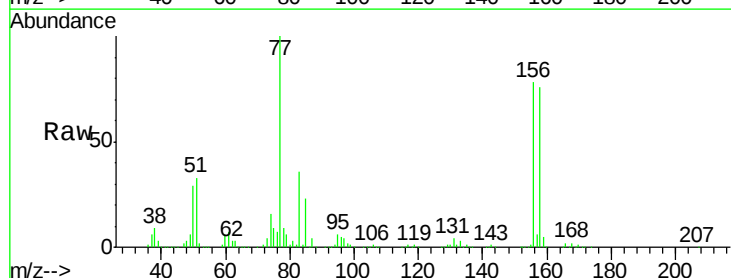
Manual Integrations
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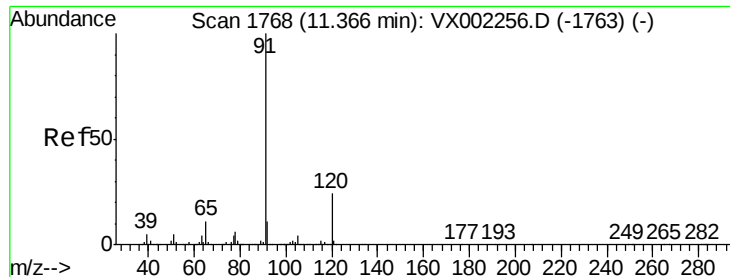
MMDadoda
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#77
 Bromobenzene
 Concen: 48.281 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 156 Resp: 215804
 Ion Ratio Lower Upper
 156 100
 77 139.3 71.4 214.2
 158 97.0 48.9 146.6





#78

n-propylbenzene

Concen: 51.197 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 91 Resp: 905993

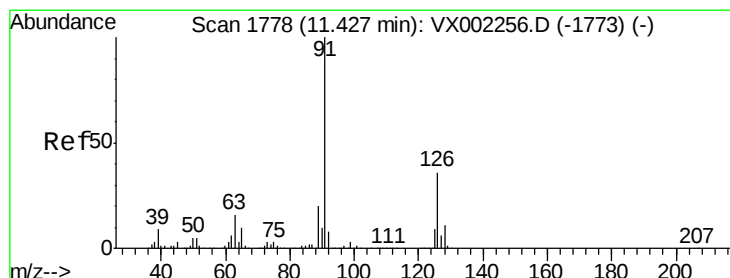
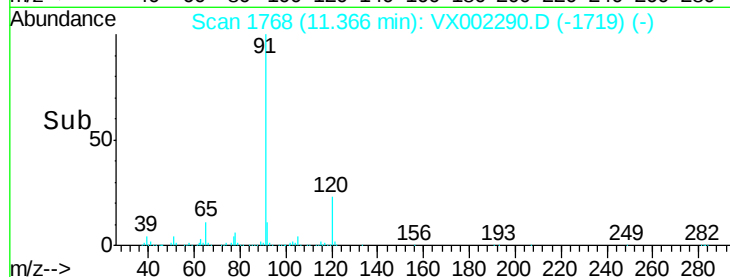
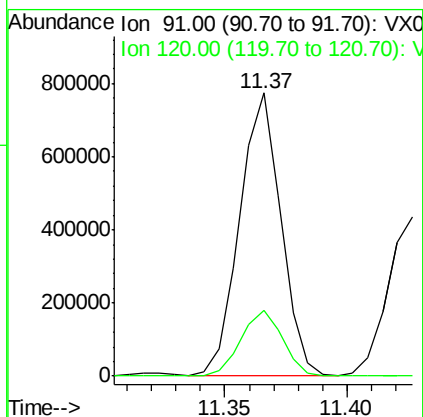
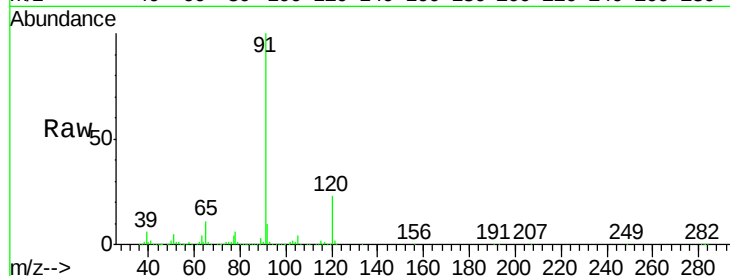
Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4

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#79

2-Chlorotoluene

Concen: 48.086 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002290.D

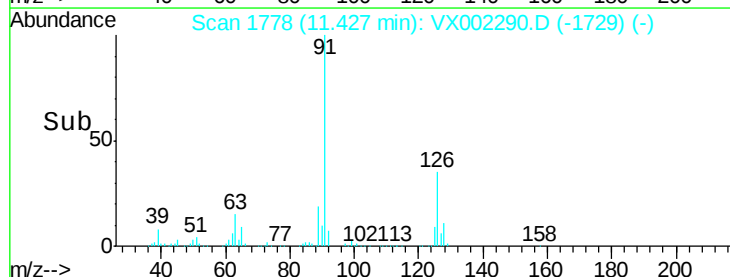
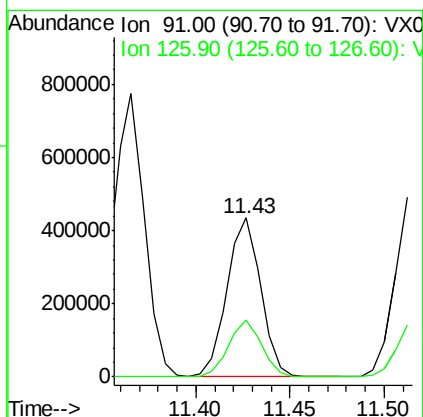
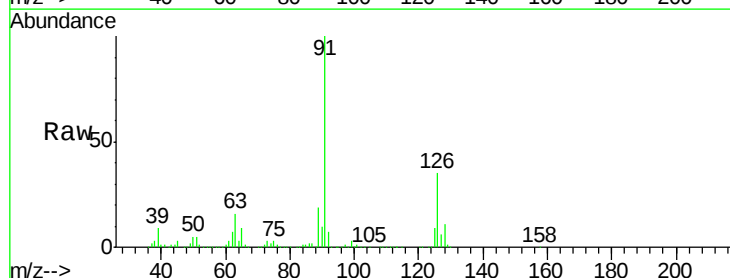
Acq: 05 Jun 2018 05:25

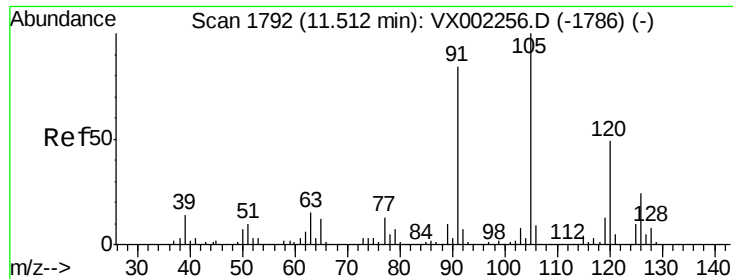
Tgt Ion: 91 Resp: 537307

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1





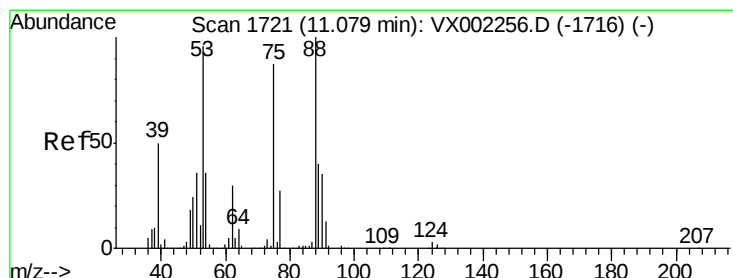
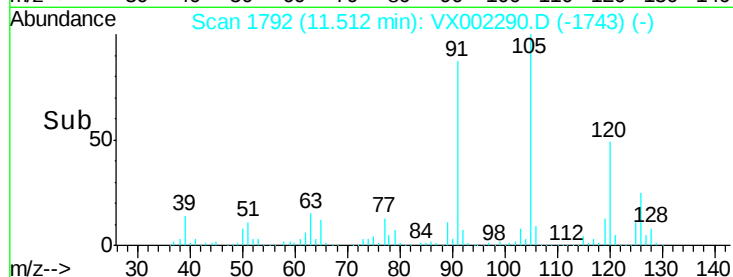
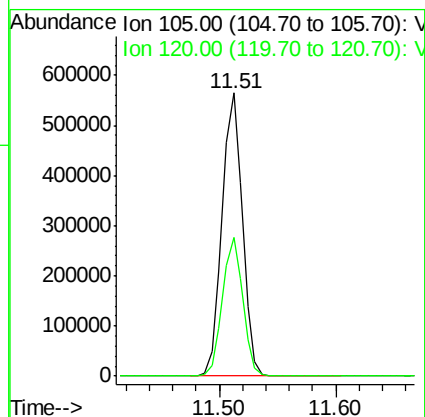
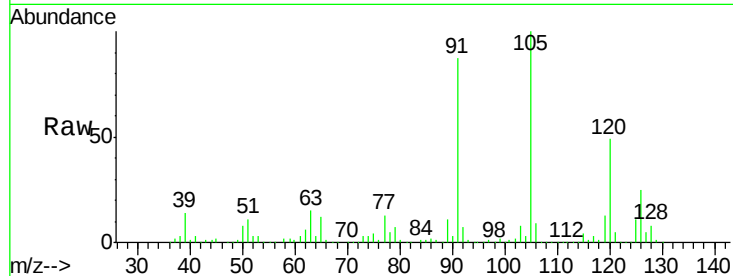
#80
 1,3,5-Trimethylbenzene
 Concen: 49.741 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion:105 Resp: 679253
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4

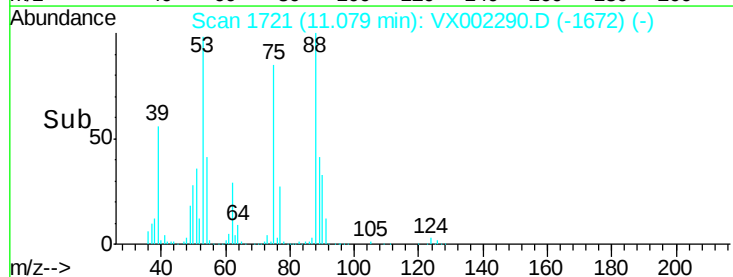
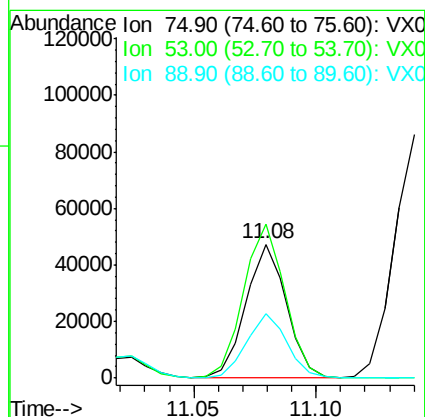
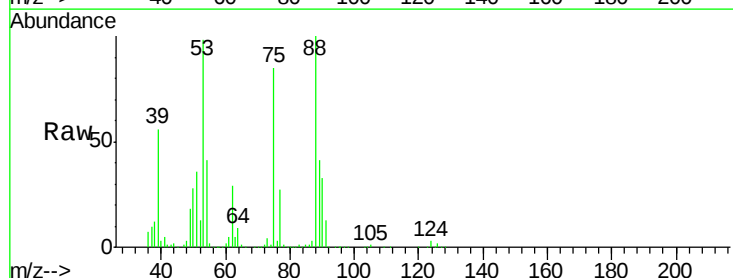
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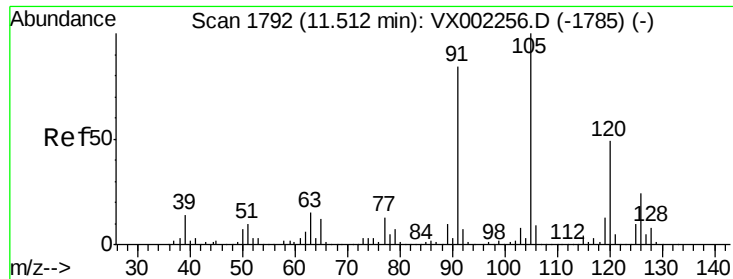
MMDadoda
 6/5/2018 5:56:10 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 38.191 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion: 75 Resp: 54715
 Ion Ratio Lower Upper
 75 100
 53 118.0 86.8 130.2
 89 48.5 38.2 57.2





#82

4-Chlorotoluene

Concen: 49.316 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion: 91 Resp: 636044

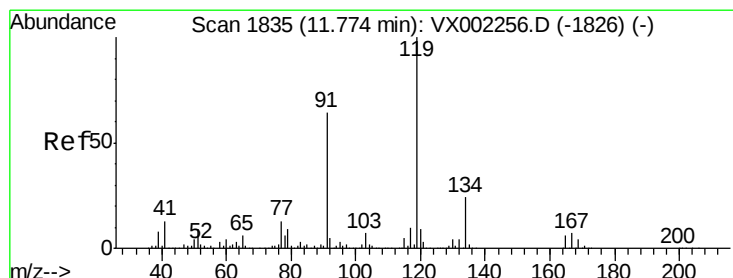
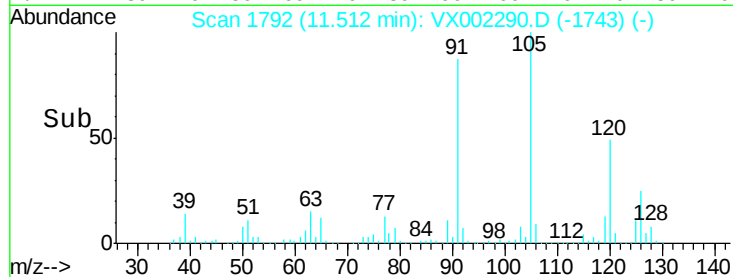
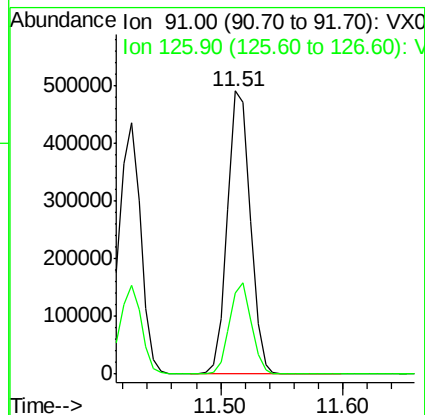
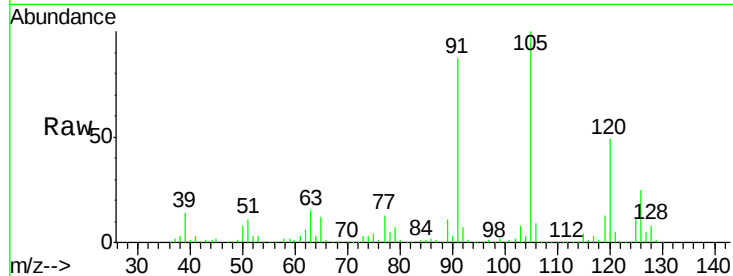
Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

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#83

tert-Butylbenzene

Concen: 49.770 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

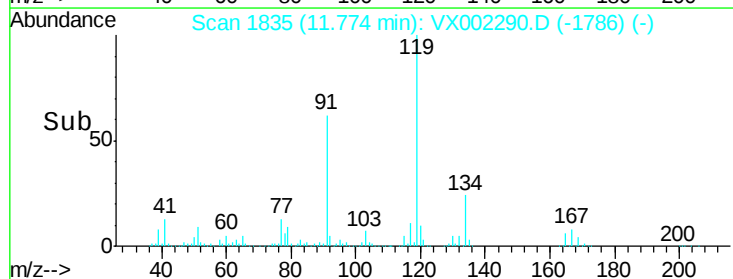
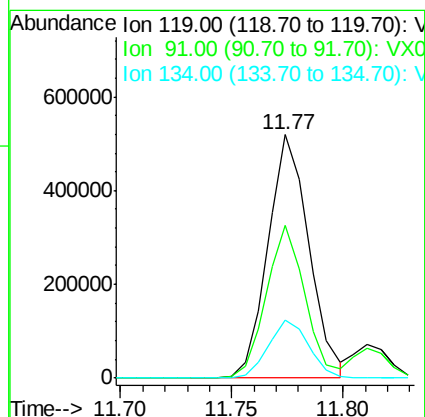
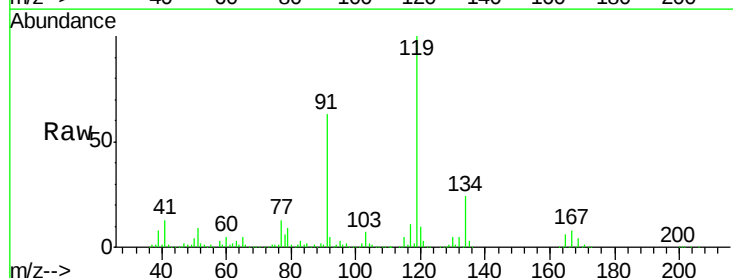
Tgt Ion: 119 Resp: 661839

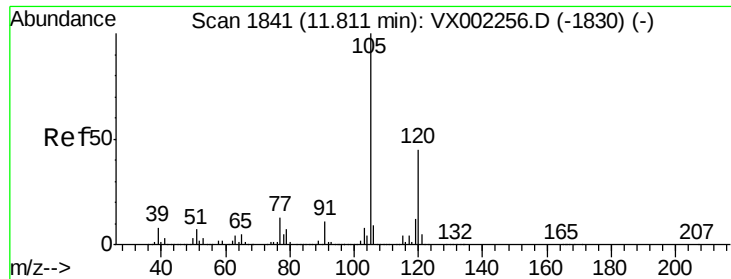
Ion Ratio Lower Upper

119 100

91 59.7 30.3 90.9

134 23.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.142 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

SS004MW010-180529MS

Tot Ion:105 Resp: 704855

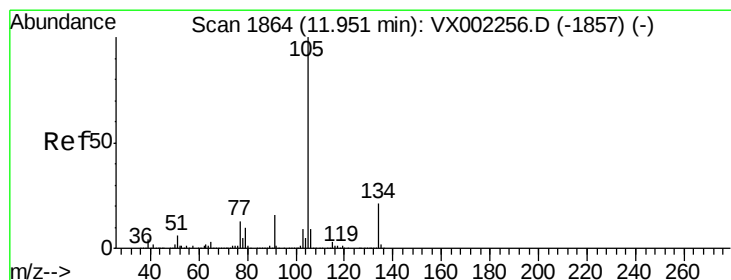
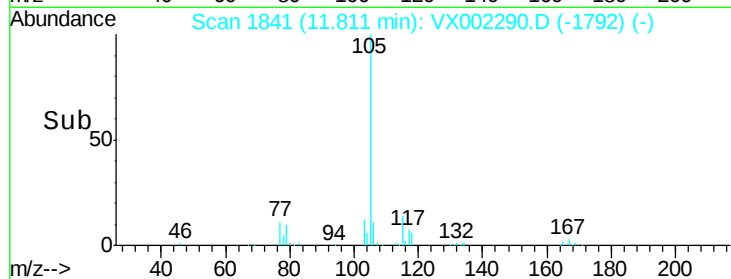
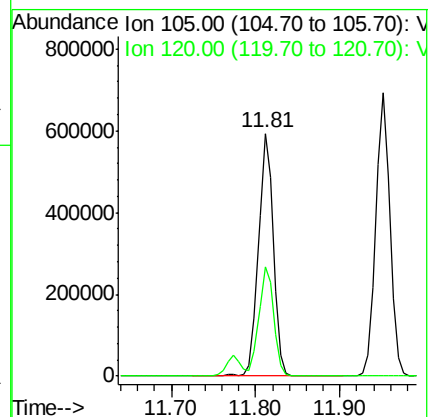
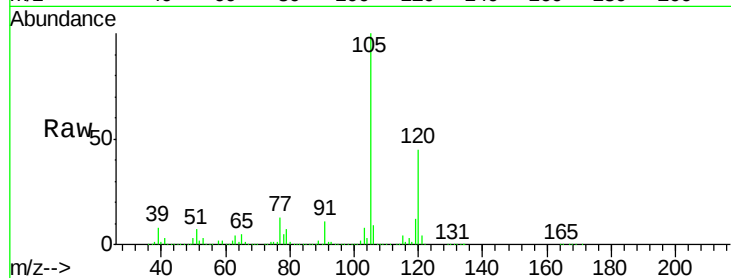
Ion Ratio Lower Upper

105 100

120 44.4 22.3 66.8

Manual Integrations
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#85

sec-Butylbenzene

Concen: 52.122 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002290.D

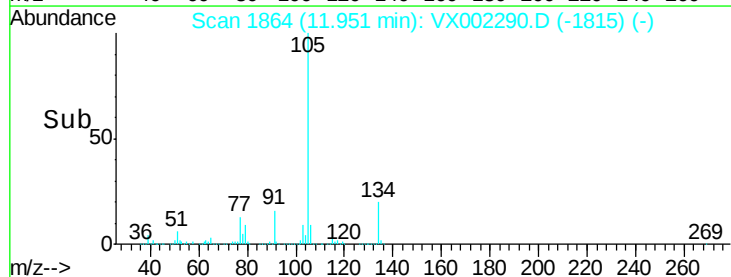
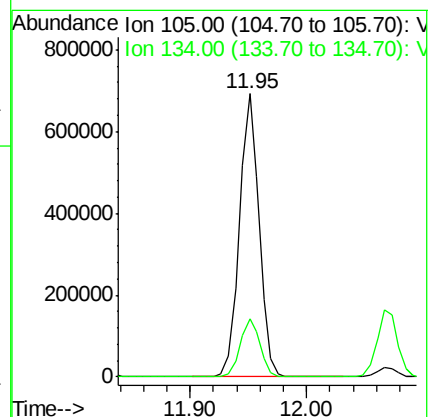
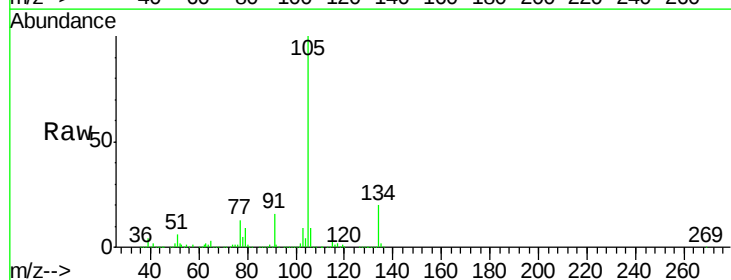
Acq: 05 Jun 2018 05:25

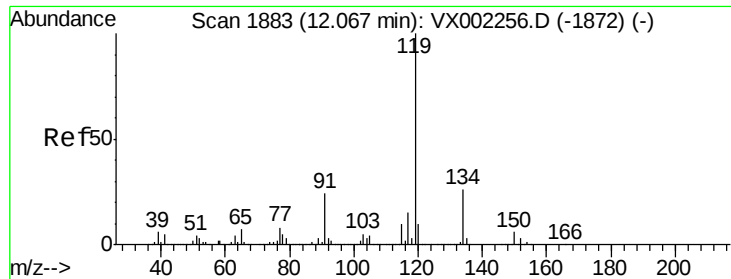
Tgt Ion:105 Resp: 812557

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1





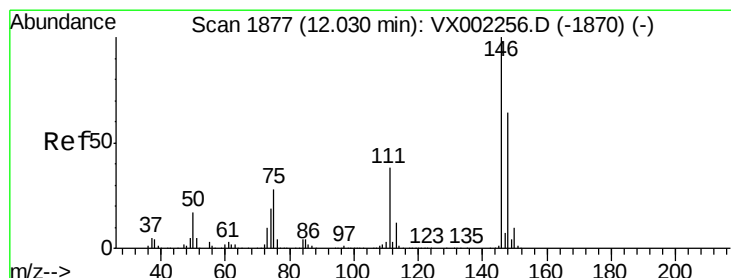
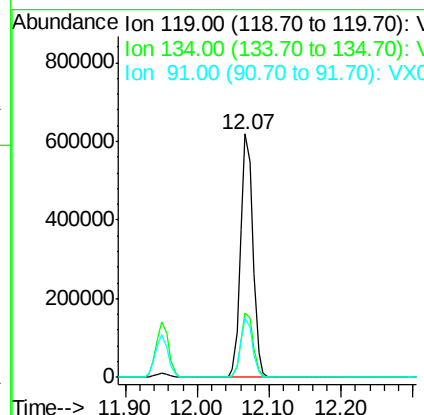
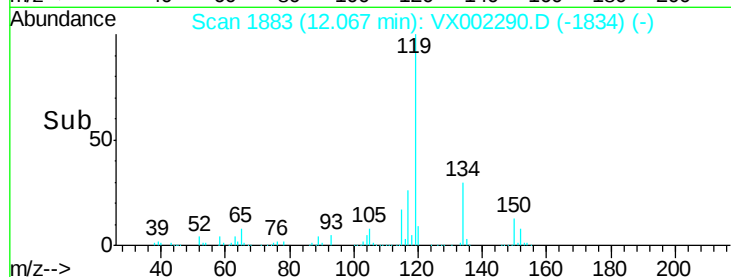
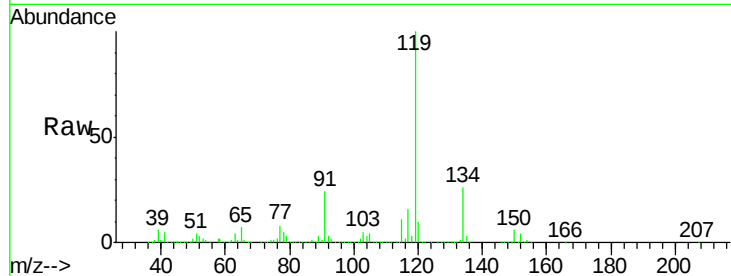
#86
p-Isopropyltoluene
Concen: 52.224 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	741584		
134	26.7		13.4	40.1
91	23.8		11.9	35.7

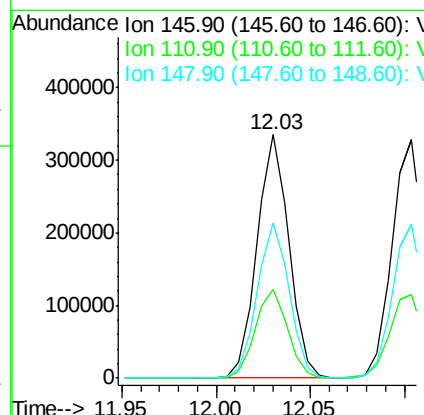
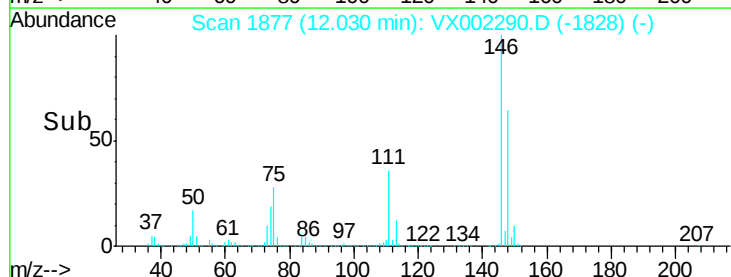
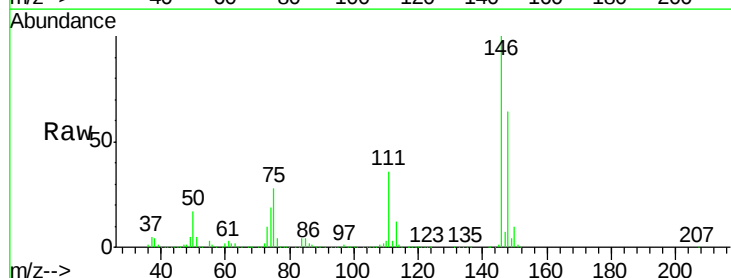
Manual Integrations
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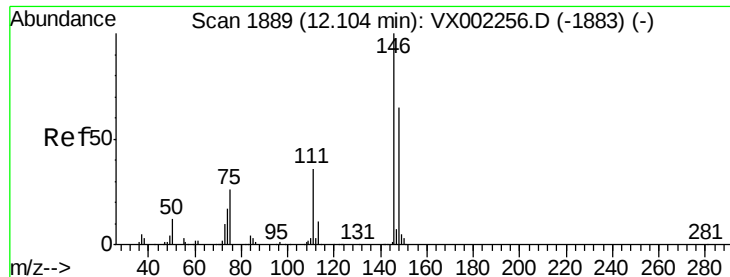
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#87
1,3-Dichlorobenzene
Concen: 49.170 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	392965		
111	36.9		18.9	56.7
148	64.2		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 48.523 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

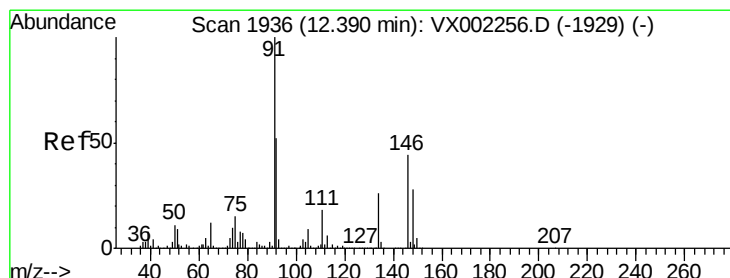
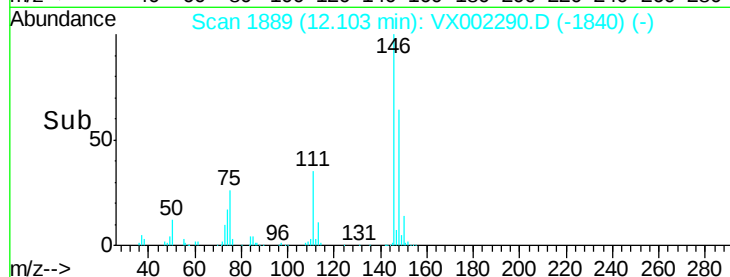
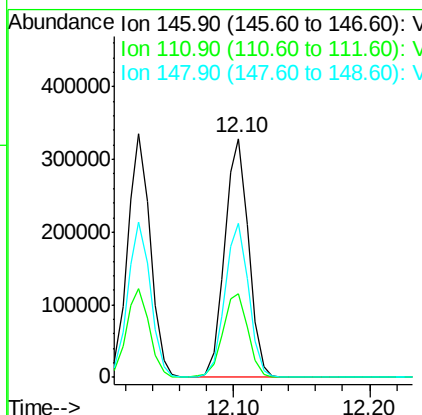
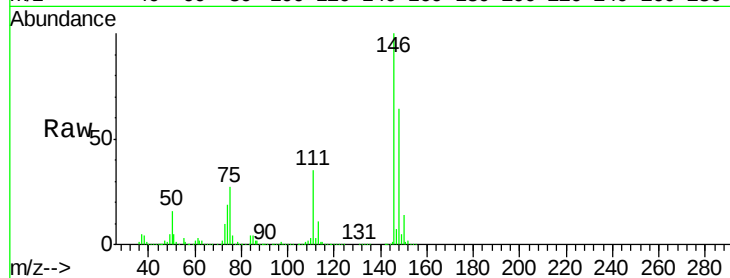
ClientSampleId :

SS004MW010-180529MS

Tot Ion:	146	Resp:	399714
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	64.2	32.4	97.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 52.986 ug/l

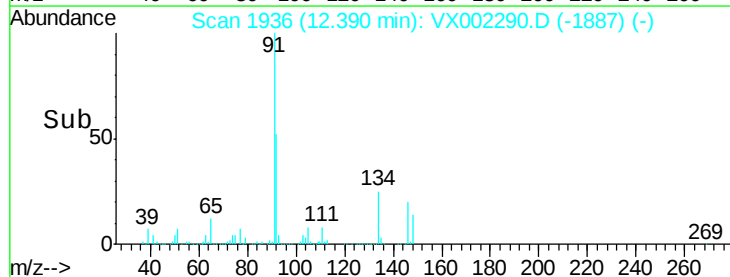
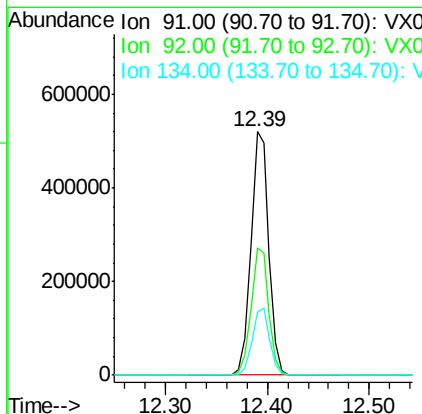
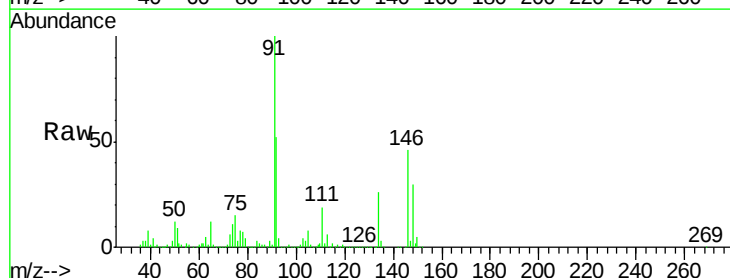
RT: 12.39 min Scan# 1936

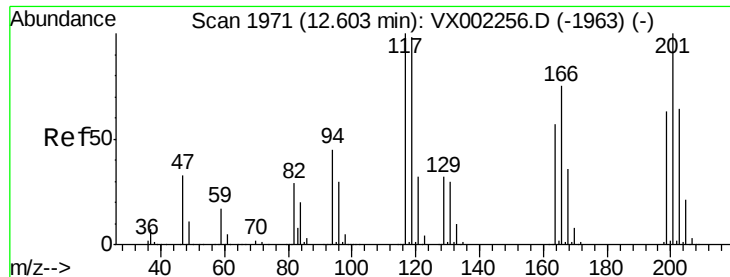
Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Tgt Ion:	91	Resp:	631032
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.0	78.0
134	27.2	13.5	40.5





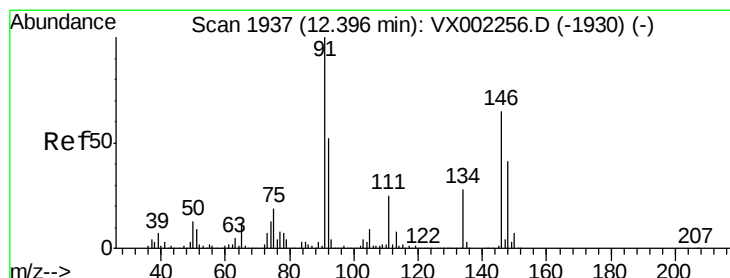
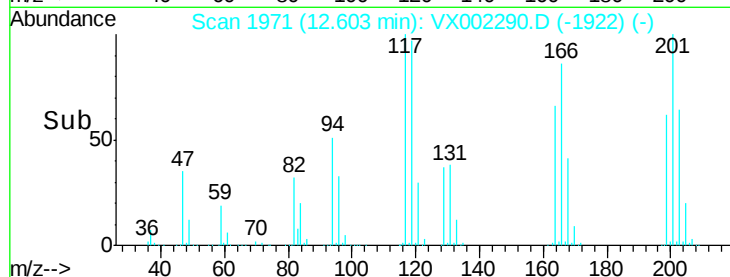
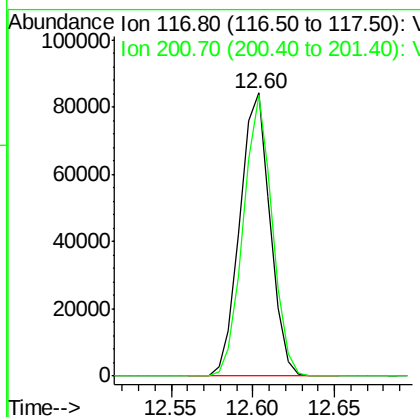
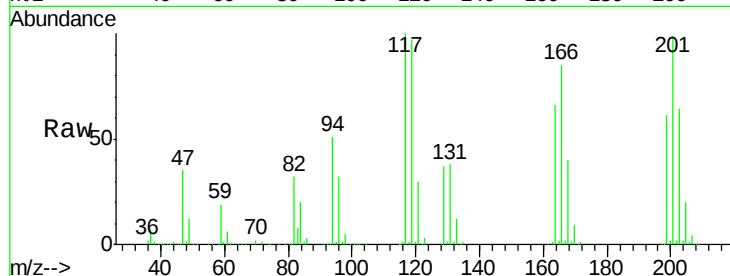
#90
Hexachloroethane
Concen: 47.941 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
SS004MW010-180529MS

Tot Ion:117 Resp: 108670
Ion Ratio Lower Upper
117 100
201 95.3 49.0 147.0

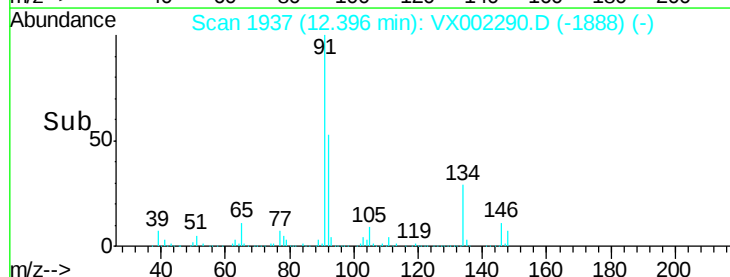
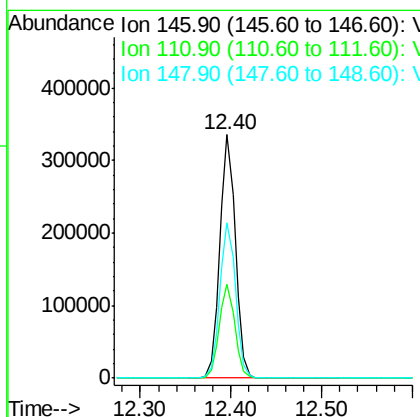
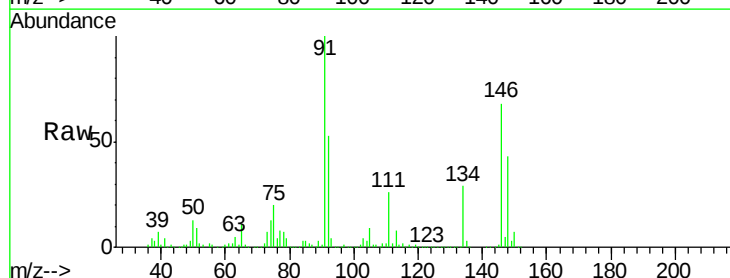
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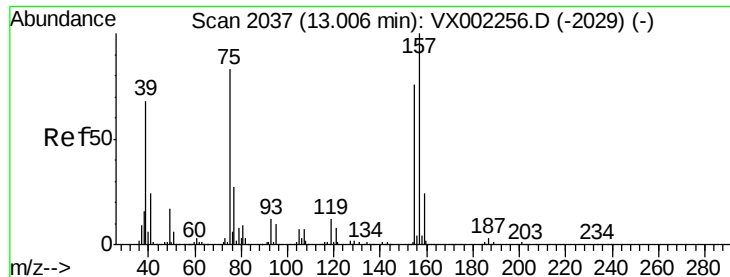
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 48.702 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002290.D
Acq: 05 Jun 2018 05:25

Tgt Ion:146 Resp: 402714
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.1
148 64.4 31.7 95.1





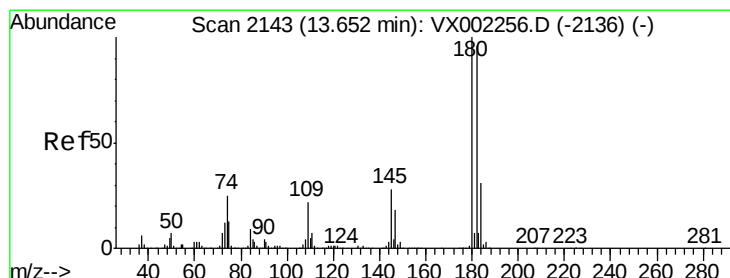
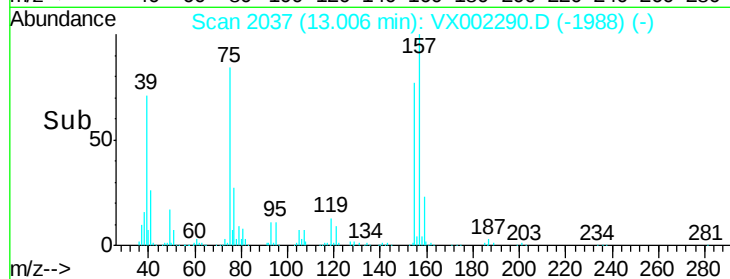
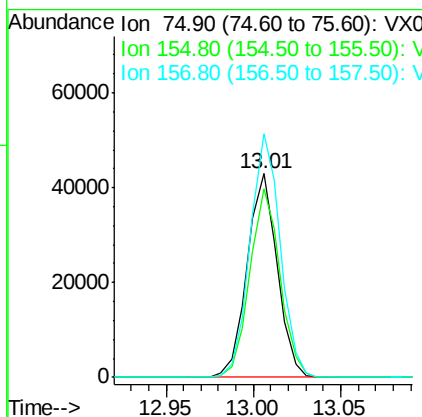
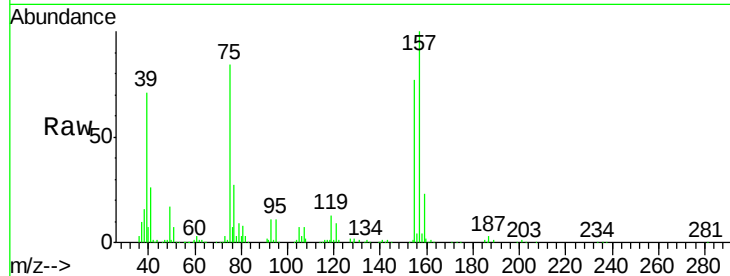
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.823 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.6	45.8	137.4
157	119.9	60.1	180.3

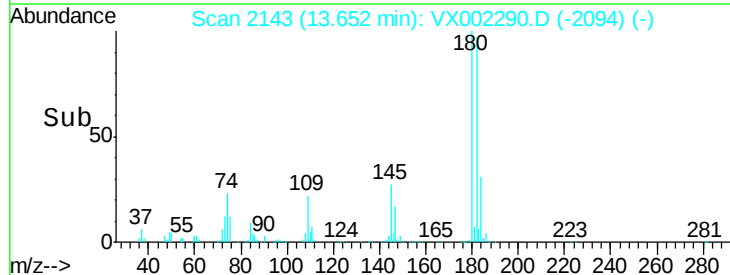
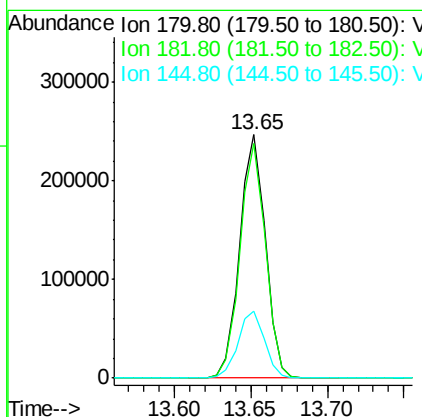
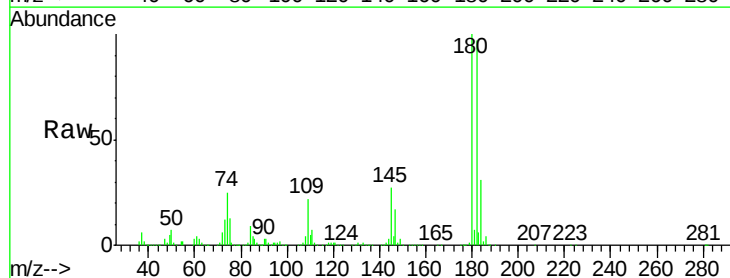
Manual Integrations
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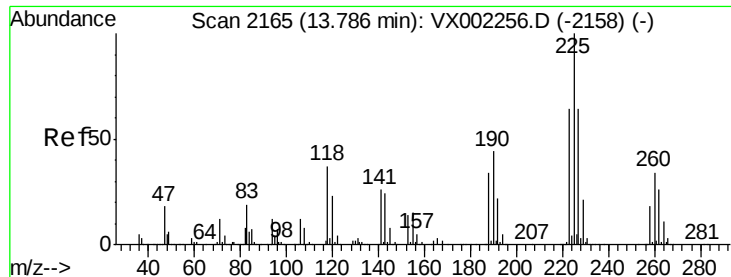
MMDadoda
 6/5/2018 5:56:10 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 49.460 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.7	143.1
145	28.2	14.1	42.4





#94

Hexachlorobutadiene

Concen: 51.531 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002290.D

Acq: 05 Jun 2018 05:25

Instrument :

MSVOA_X

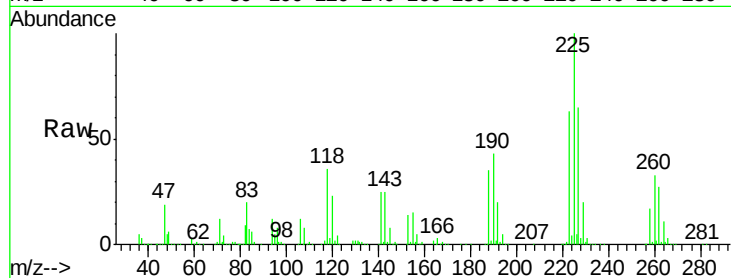
ClientSampleId :

SS004MW010-180529MS

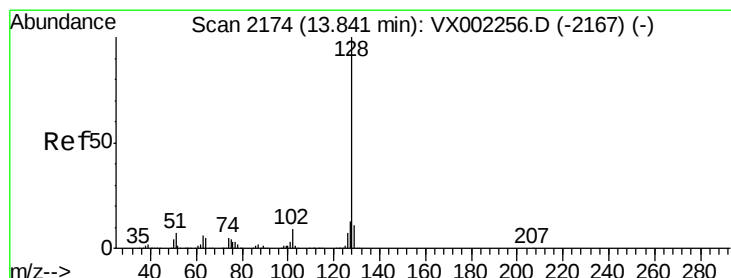
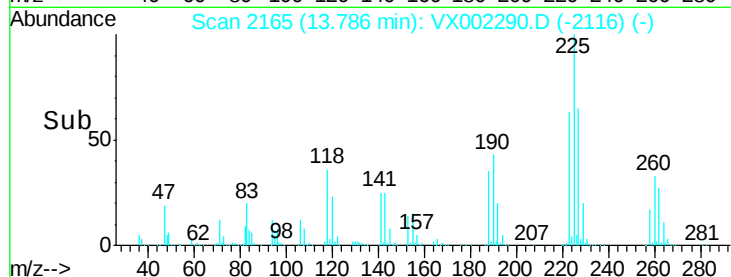
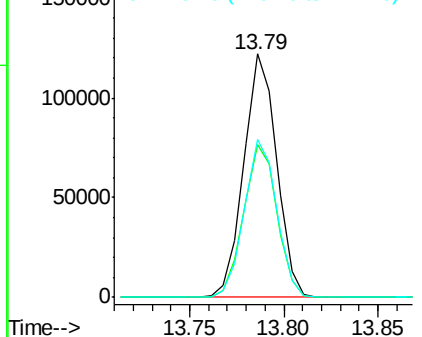
Tot Ion:	225	Resp:	147642
Ion Ratio		Lower	Upper
225	100		
223	63.5	31.6	95.0
227	64.2	32.4	97.2

Manual Integrations
APPROVED

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6/5/2018 5:56:10 PM



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



#95

Naphthalene

Concen: 49.652 ug/l

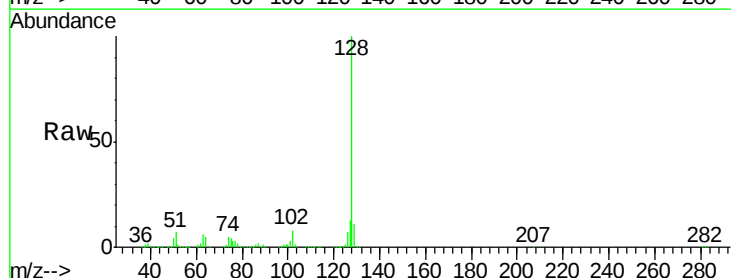
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

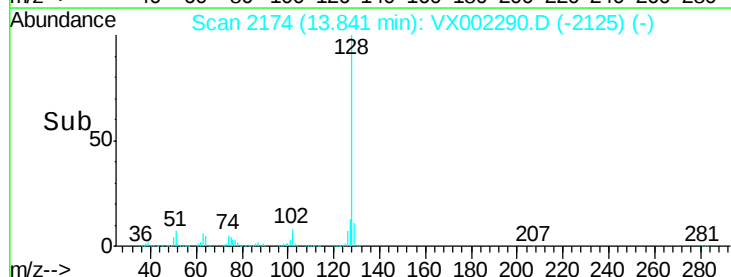
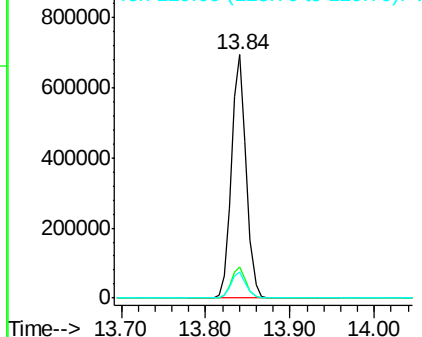
Lab File: VX002290.D

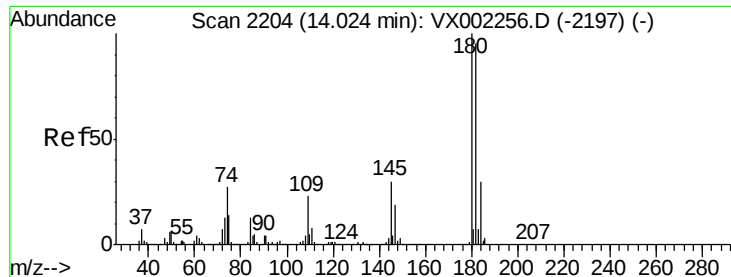
Acq: 05 Jun 2018 05:25

Tgt Ion:	128	Resp:	827142
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0



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





#96
 1,2,3-Trichlorobenzene
 Concen: 50.012 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002290.D
 Acq: 05 Jun 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	295726		
182	96.0		48.0	144.0
145	29.5		14.8	44.3

Manual Integrations
 APPROVED

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