

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001359.D
 Acq On : 03 May 2018 15:13
 Operator : JC/MD
 Sample : VX0503WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2018 11:28:30 PM

Quant Time: May 04 07:32:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	205222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	195821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	127641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	101456	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	87274	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	315933	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.15	95	112570	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34133	19.88	ug/l	99
3) Chloromethane	1.32	50	32431	19.24	ug/l	97
4) Vinyl Chloride	1.40	62	35770	20.16	ug/l	97
5) Bromomethane	1.64	94	29596	21.46	ug/l	97
6) Chloroethane	1.72	64	23673	21.11	ug/l	96
7) Trichlorofluoromethane	1.93	101	63928	21.35	ug/l	99
8) Diethyl Ether	2.19	74	21643	21.05	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35116	20.34	ug/l	99
10) Methyl Iodide	2.51	142	46180	26.75	ug/l	99
11) Tert butyl alcohol	3.09	59	51829	140.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	31551	20.27	ug/l	96
13) Acrolein	2.30	56	13884	65.24	ug/l	100
14) Allyl chloride	2.73	41	56883	20.89	ug/l	99
15) Acrylonitrile	3.15	53	101851	118.90	ug/l	100
16) Acetone	2.45	43	104664	114.14	ug/l	99
17) Carbon Disulfide	2.57	76	69338	17.10	ug/l	98
18) Methyl Acetate	2.79	43	55632	25.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	113662	21.44	ug/l	98
20) Methylene Chloride	2.86	84	36453	21.11	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	34063	20.10	ug/l	93
22) Diisopropyl ether	3.89	45	112162	21.38	ug/l	97
23) Vinyl Acetate	3.83	43	489955	110.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	63811	21.84	ug/l	98
25) 2-Butanone	4.73	43	136830	110.36	ug/l	100
26) 2,2-Dichloropropane	4.59	77	39124	16.45	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	35448	19.04	ug/l	96
28) Bromochloromethane	5.03	49	31342	23.86	ug/l	97
29) Tetrahydrofuran	5.19	42	86581	113.54	ug/l	99
30) Chloroform	5.23	83	61834	20.02	ug/l	98
31) Cyclohexane	5.58	56	46281	17.54	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52640	19.50	ug/l	99
36) 1,1-Dichloropropene	5.81	75	41361	17.46	ug/l	98
37) Ethyl Acetate	4.88	43	51298	21.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	46097	18.58	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	48105	17.17	ug/l	99
40) Benzene	6.15	78	129144	18.95	ug/l	100
41) Methacrylonitrile	5.07	41	28134	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	49641	18.82	ug/l	98
43) Isopropyl Acetate	6.48	43	76495	19.76	ug/l	99
44) Trichloroethene	7.22	130	41222	19.76	ug/l	95
45) 1,2-Dichloropropane	7.52	63	33794	19.31	ug/l	95
46) Dibromomethane	7.67	93	23885	19.47	ug/l	99
47) Bromodichloromethane	7.91	83	41646	18.99	ug/l	99
48) Methyl methacrylate	7.79	41	40285	19.57	ug/l	97
49) 1,4-Dioxane	7.77	88	18770	483.22	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	270136	108.22	ug/l	99
52) Toluene	8.79	92	85654	19.23	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	46291	17.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	41920	17.47	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	36009	20.01	ug/l	99
56) Ethyl methacrylate	9.19	69	48796	19.57	ug/l	98
57) 1,3-Dichloropropane	9.38	76	57468	19.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	129329	107.53	ug/l	100
59) 2-Hexanone	9.51	43	207386	106.29	ug/l	100
60) Dibromochloromethane	9.59	129	35743	19.05	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37949	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	53278	22.97	ug/l	96
65) Chlorobenzene	10.15	112	99735	18.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	36059	19.51	ug/l	99
67) Ethyl Benzene	10.26	91	158009	18.00	ug/l	100
68) m/p-Xylenes	10.37	106	126564	36.65	ug/l	99
69) o-Xylene	10.71	106	62425	18.64	ug/l	96
70) Styrene	10.72	104	101235	18.48	ug/l	99
71) Bromoform	10.86	173	27899	18.32	ug/l #	99
73) Isopropylbenzene	11.02	105	166715	19.52	ug/l	99
74) N-amyl acetate	6.48	43	76495	20.88	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	50734	19.83	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	49761m	21.08	ug/l	
77) Bromobenzene	11.26	156	49098	19.93	ug/l	98
78) n-propylbenzene	11.37	91	181549	19.13	ug/l	99
79) 2-Chlorotoluene	11.43	91	110427	19.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	140098	19.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	10696	17.77	ug/l	90
82) 4-Chlorotoluene	11.52	91	130625	18.97	ug/l	100
83) tert-Butylbenzene	11.77	119	132274	18.50	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	144749	19.70	ug/l	100
85) sec-Butylbenzene	11.95	105	165573	19.35	ug/l	99
86) p-Isopropyltoluene	12.07	119	151874	19.35	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	85870	18.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86726	18.29	ug/l	99
89) n-Butylbenzene	12.40	91	122903	17.94	ug/l	98
90) Hexachloroethane	12.60	117	20275	17.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	89134	19.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	11234	21.73	ug/l	95

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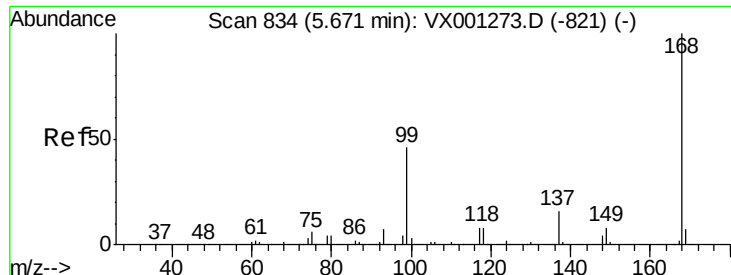
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63611	17.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	35087	18.21	ug/l	99
95) Naphthalene	13.84	128	187044	20.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68897	19.06	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion:168 Resp: 155190

Ion Ratio Lower Upper

168 100

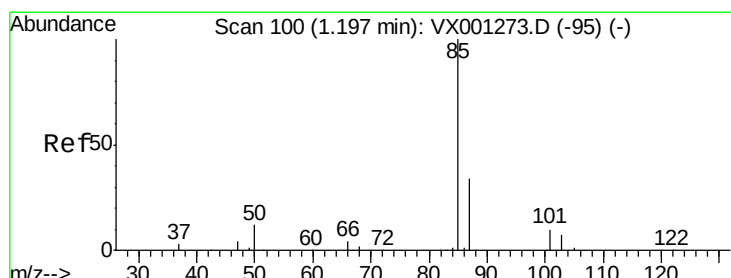
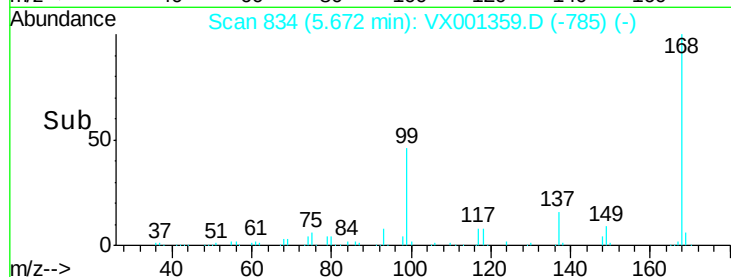
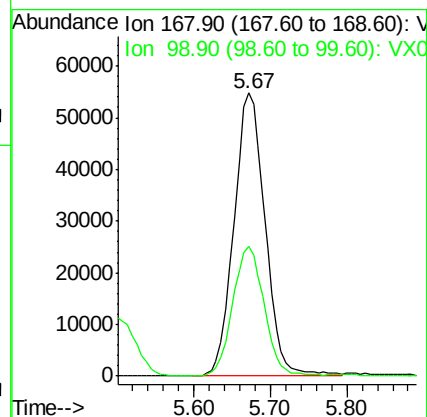
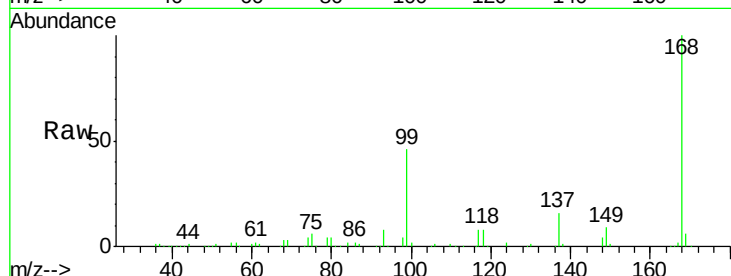
99 45.7 36.5 54.7

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#2

Dichlorodifluoromethane

Concen: 19.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001359.D

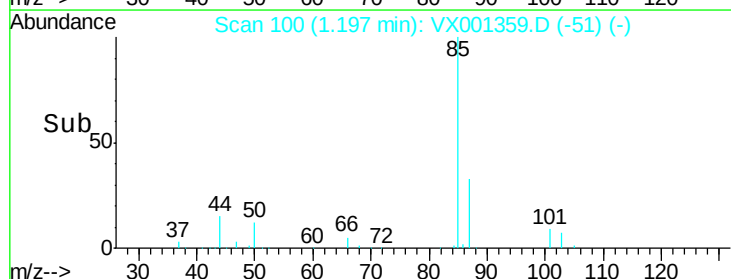
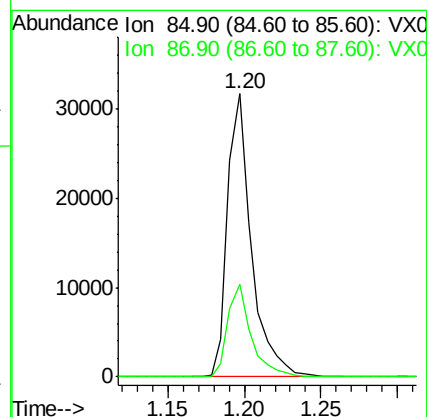
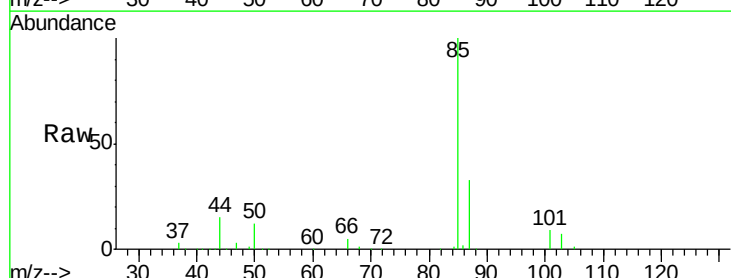
Acq: 03 May 2018 15:13

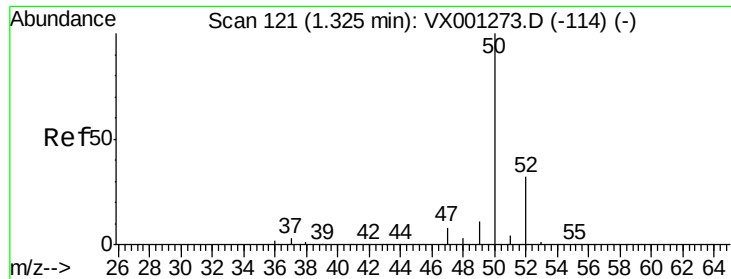
Tgt Ion: 85 Resp: 34133

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.4





#3

Chloromethane

Concen: 19.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion: 50 Resp: 32431

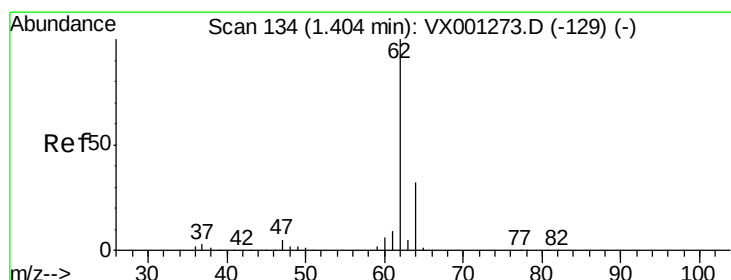
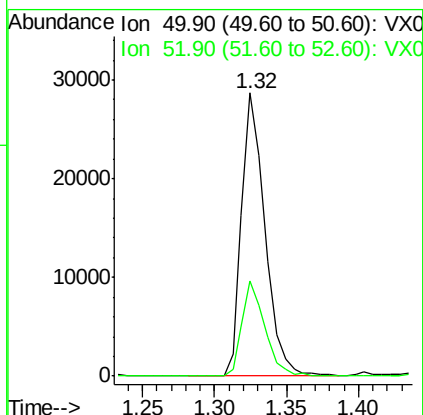
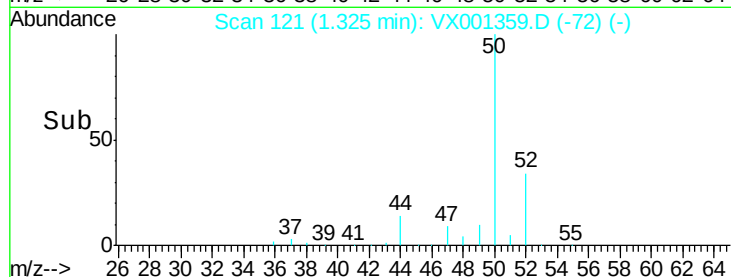
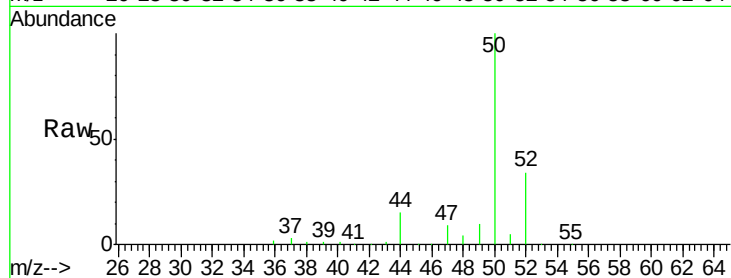
Ion Ratio Lower Upper

50 100

52 33.8 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001359.D

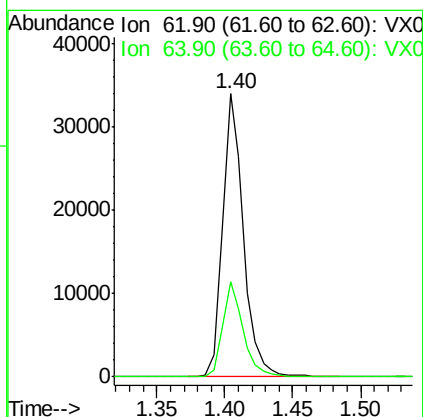
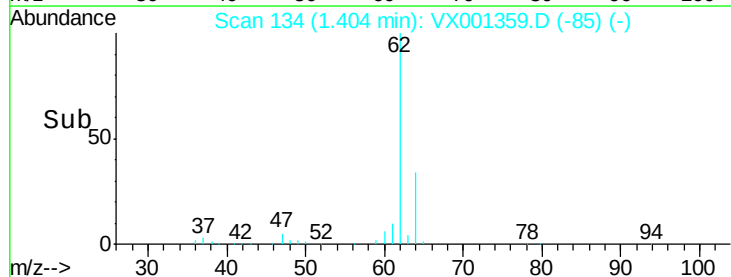
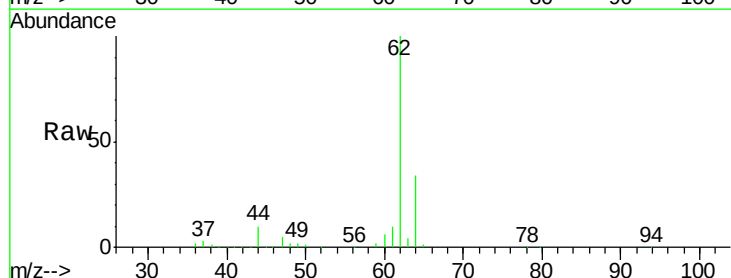
Acq: 03 May 2018 15:13

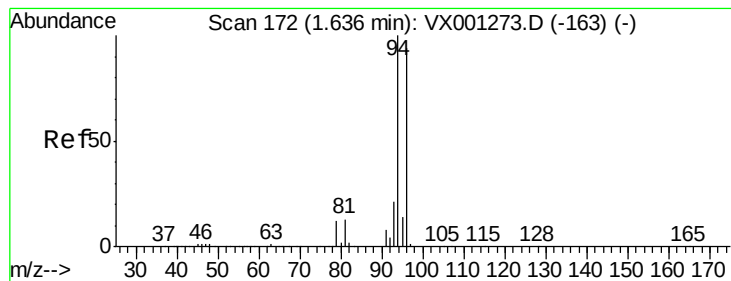
Tgt Ion: 62 Resp: 35770

Ion Ratio Lower Upper

62 100

64 33.7 25.4 38.2





#5

Bromomethane

Concen: 21.46 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion: 94 Resp: 29596

Ion Ratio Lower Upper

94 100

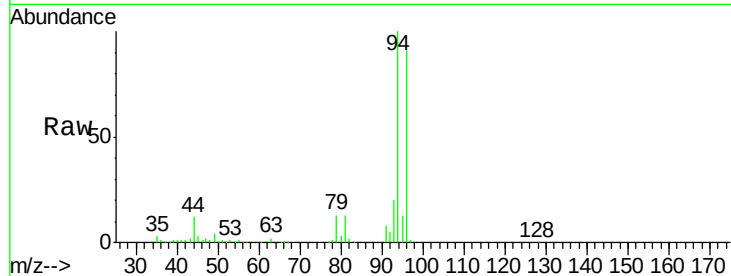
96 91.2 75.6 113.4

Manual Integrations

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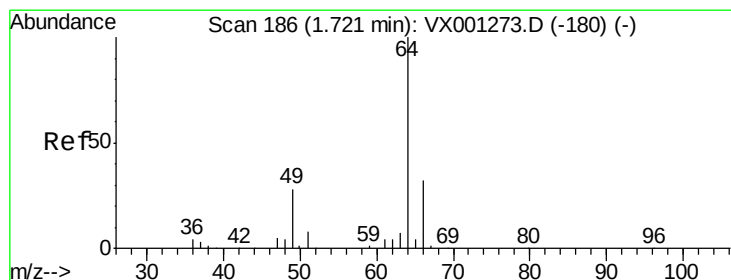
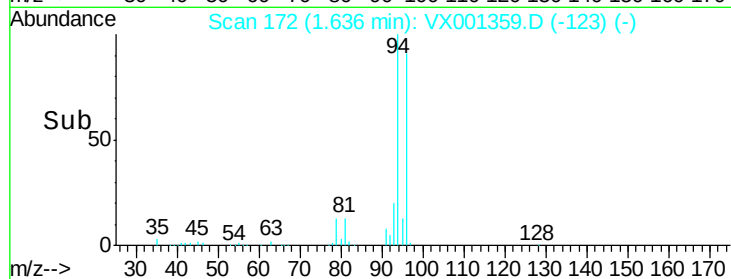
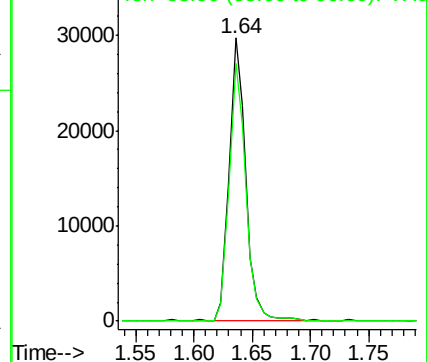
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001359.D

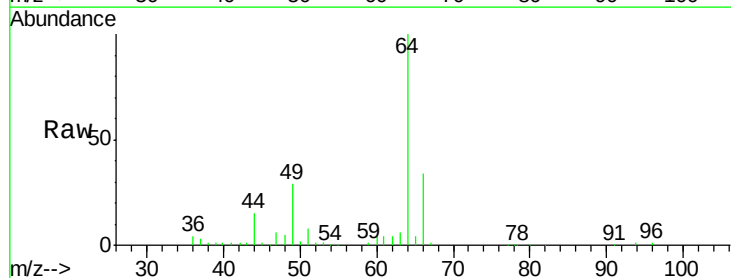
Acq: 03 May 2018 15:13

Tgt Ion: 64 Resp: 23673

Ion Ratio Lower Upper

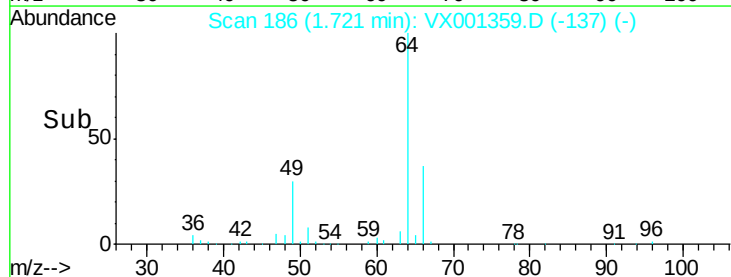
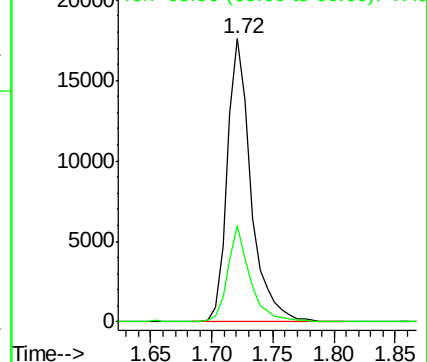
64 100

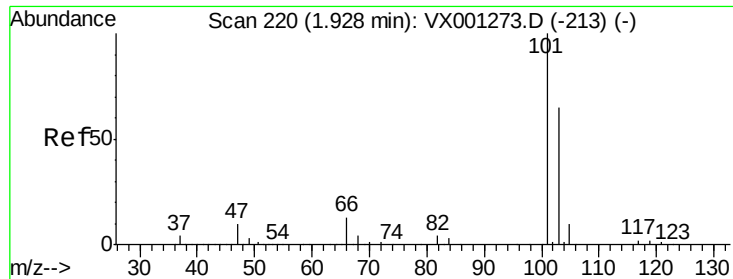
66 34.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

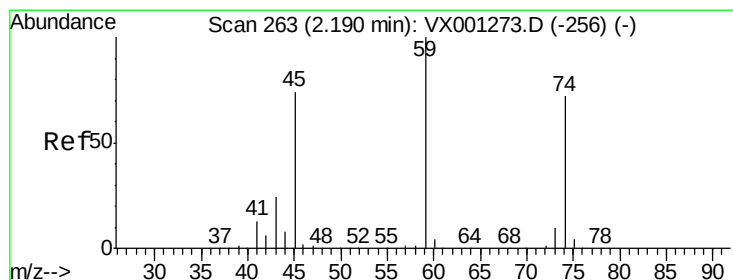
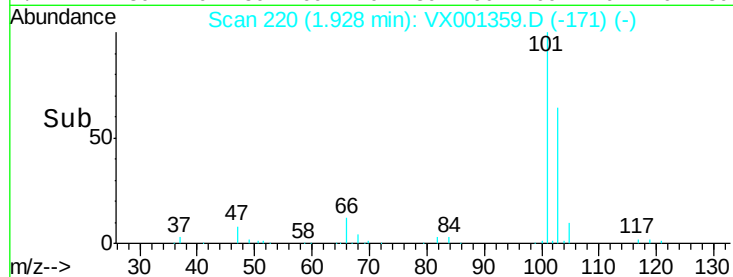
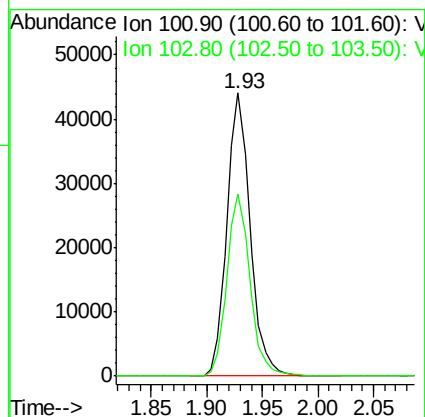
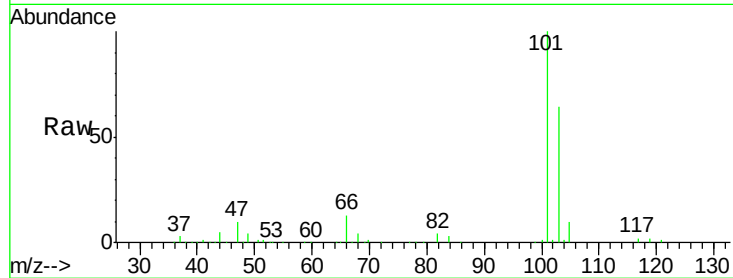
Trichlorofluoromethane
Concen: 21.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:101 Resp: 63928
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

Manual Integrations
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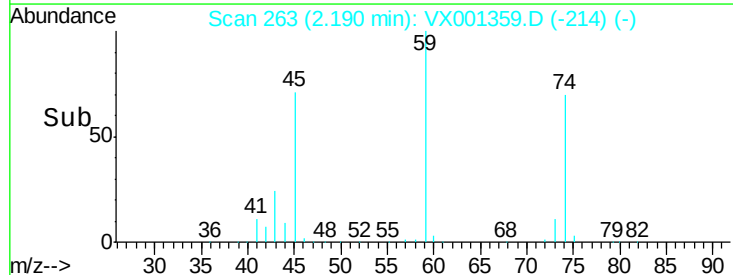
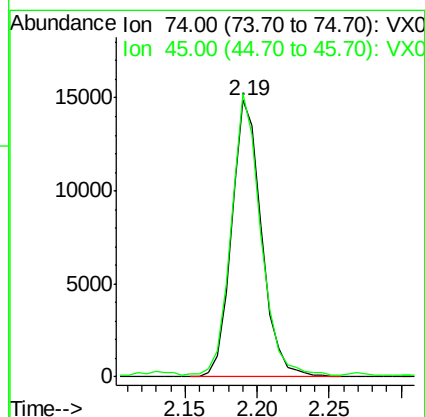
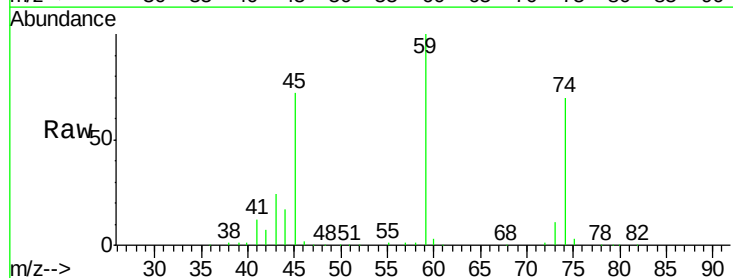
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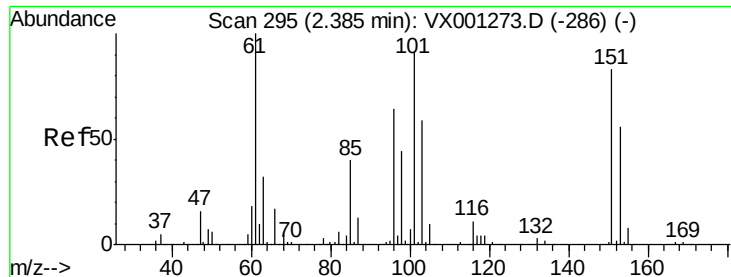


#8

Diethyl Ether
Concen: 21.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 74 Resp: 21643
Ion Ratio Lower Upper
74 100
45 99.8 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.34 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

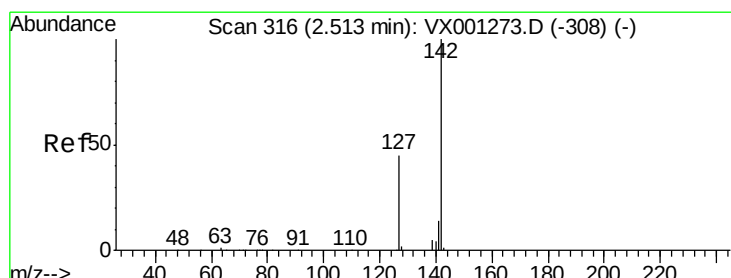
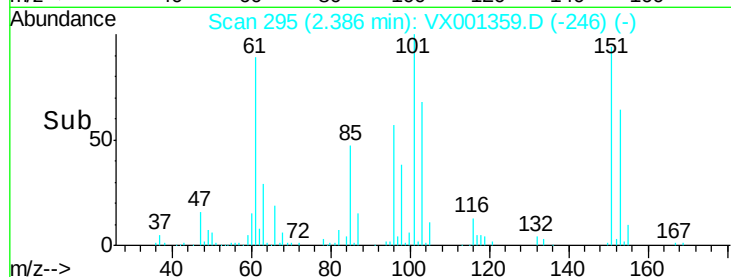
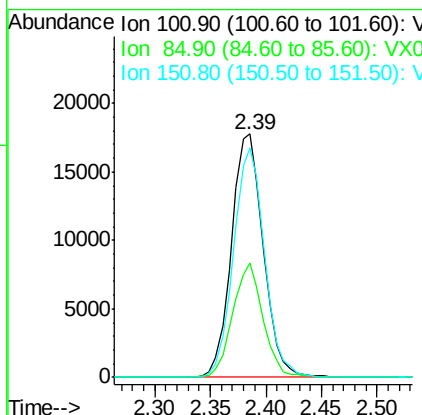
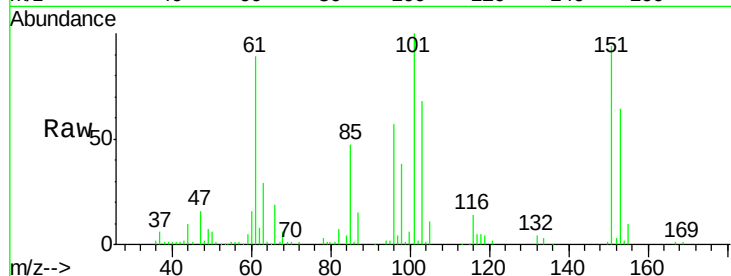
ClientSampleId :

VX0503WBS01

Tot Ion:	101	Resp:	35116
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.6	53.4
151	91.9	74.8	112.2

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#10

Methyl Iodide

Concen: 26.75 ug/l

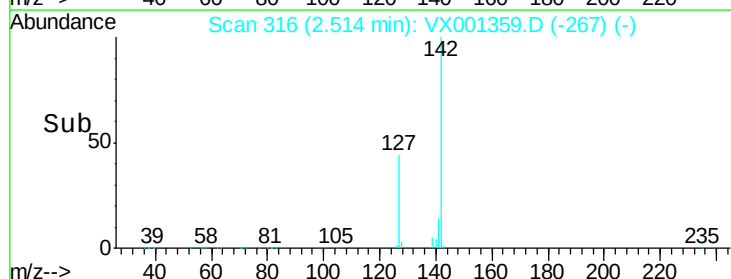
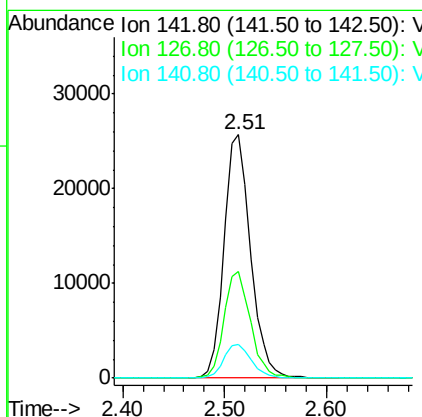
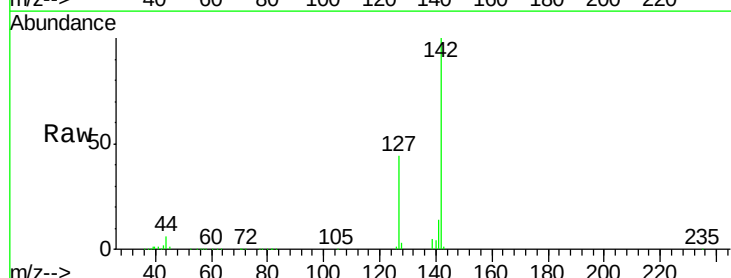
RT: 2.51 min Scan# 316

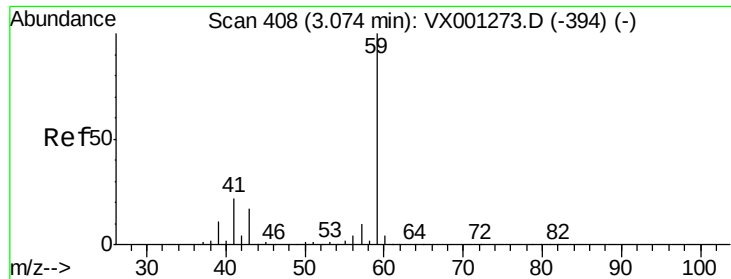
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	142	Resp:	46180
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.7	53.5
141	14.5	11.4	17.0





#11

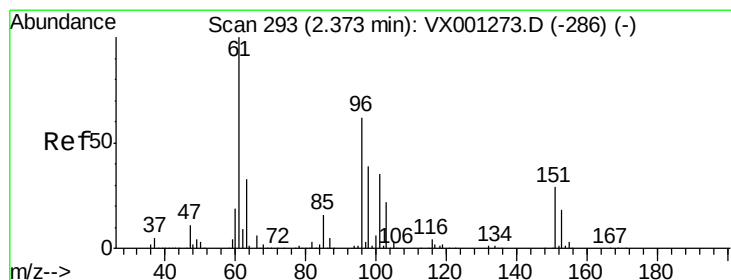
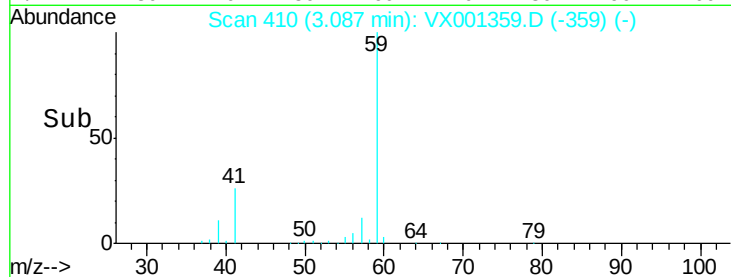
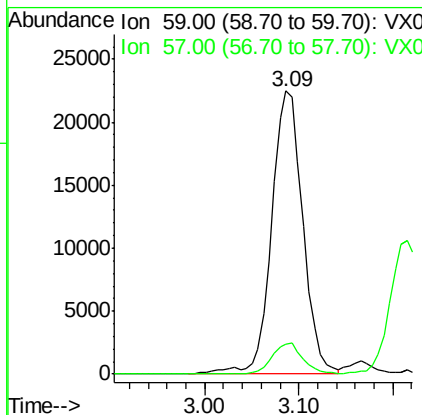
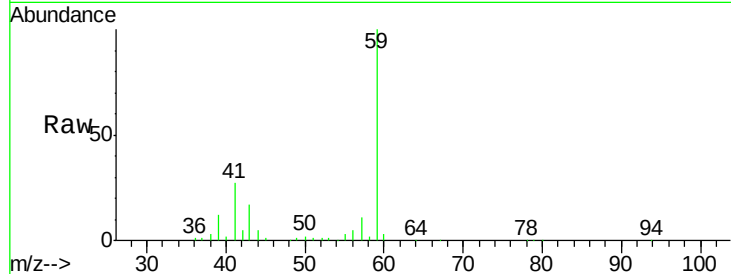
Tert butyl alcohol
Concen: 140.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion	59	Resp	51829
Ion Ratio	100	Lower	Upper
57	10.6	8.6	12.8

Manual Integrations
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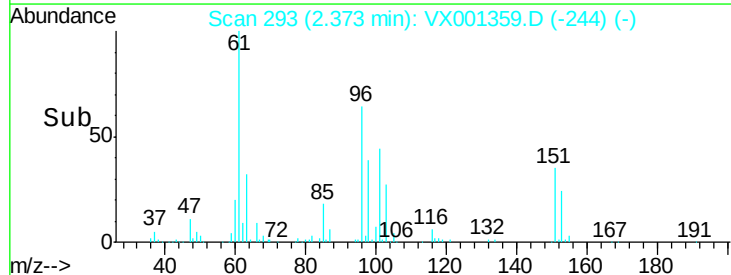
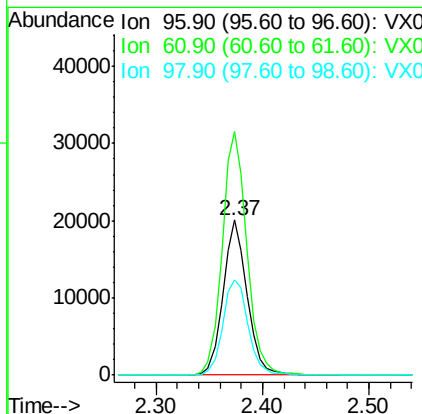
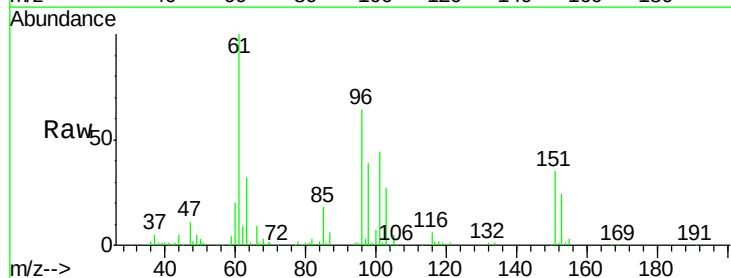
MMDadoda
5/5/2018 11:28:30 PM

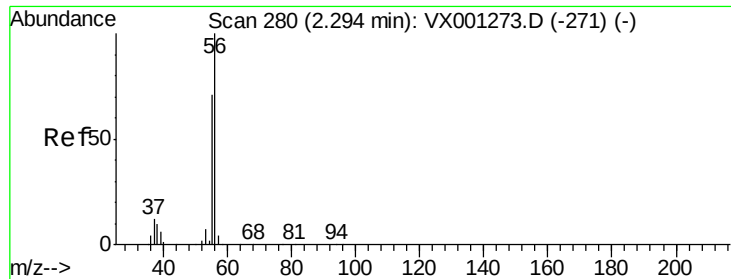


#12

1,1-Dichloroethene
Concen: 20.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	96	Resp	31551
Ion Ratio	100	Lower	Upper
61	157.1	130.1	195.1
98	61.3	50.3	75.5





#13

Acrolein

Concen: 65.24 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion: 56 Resp: 13884

Ion Ratio Lower Upper

56 100

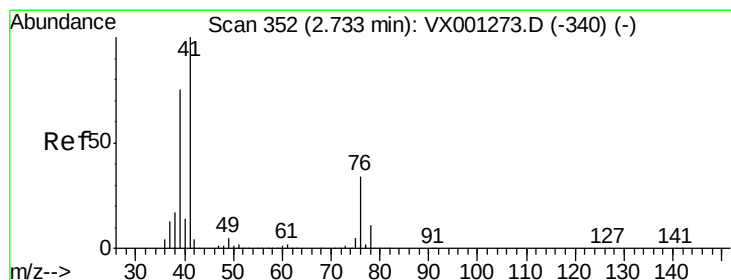
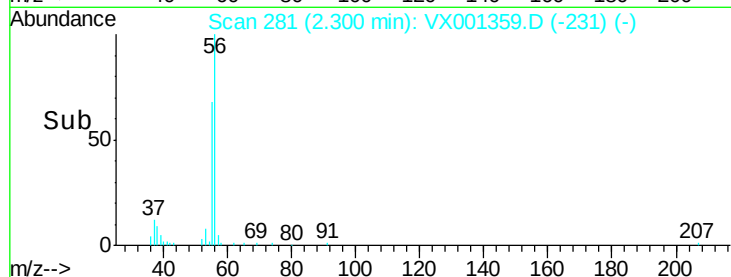
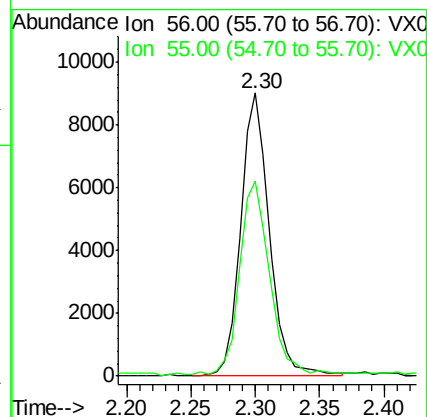
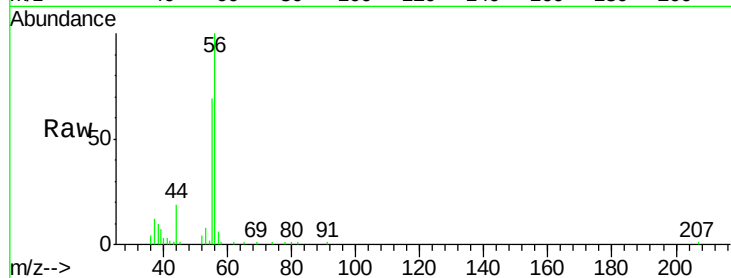
55 71.4 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.89 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

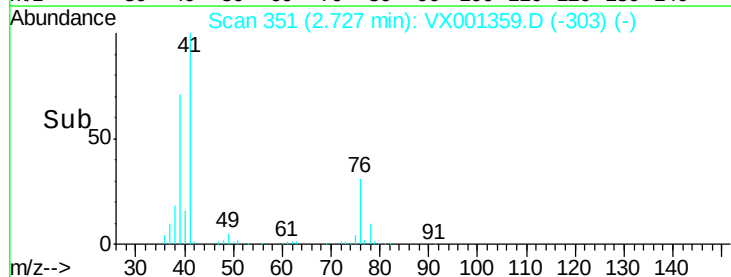
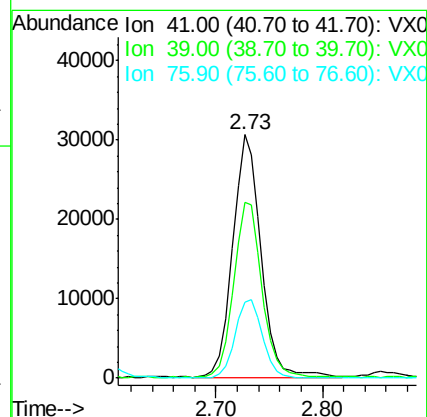
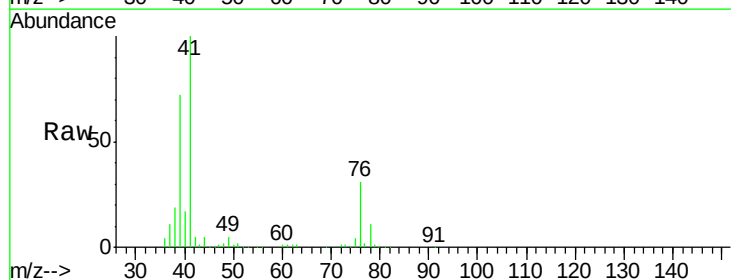
Tgt Ion: 41 Resp: 56883

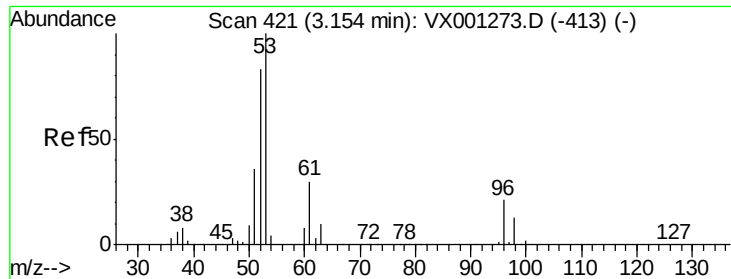
Ion Ratio Lower Upper

41 100

39 71.5 58.1 87.1

76 31.6 25.1 37.7





#15

Acrylonitrile

Concen: 118.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

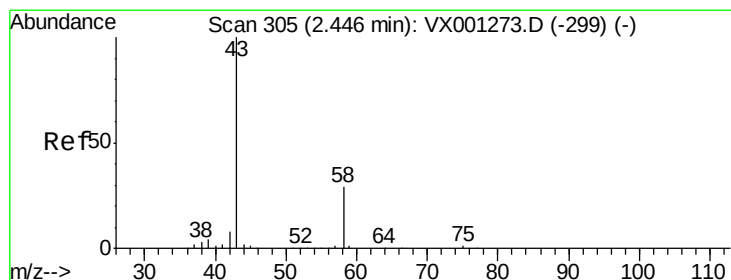
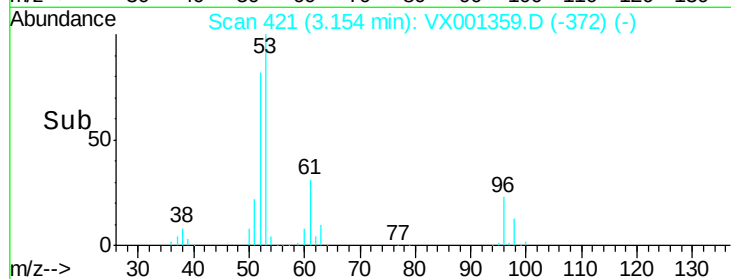
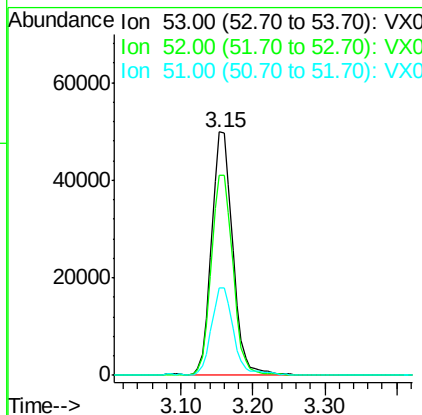
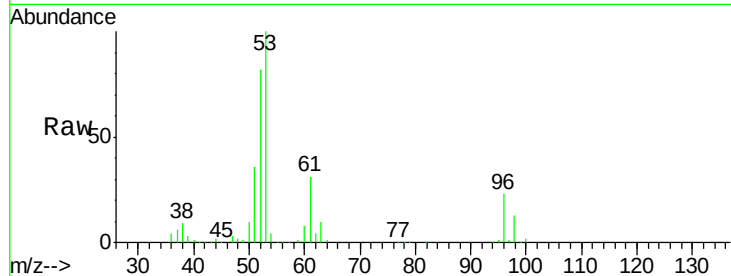
ClientSampled :

VX0503WBS01

Tot Ion:	53	Resp:	101851
Ion Ratio	Lower	Upper	
53	100		
52	83.5	67.0	100.4
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 114.14 ug/l

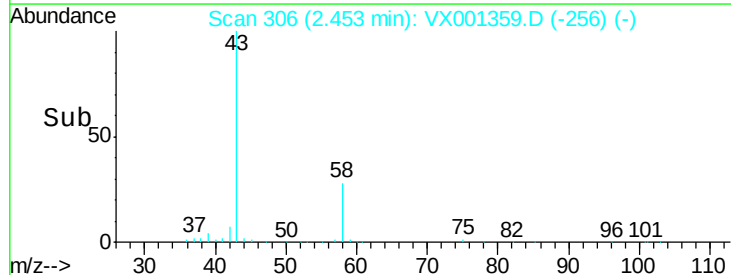
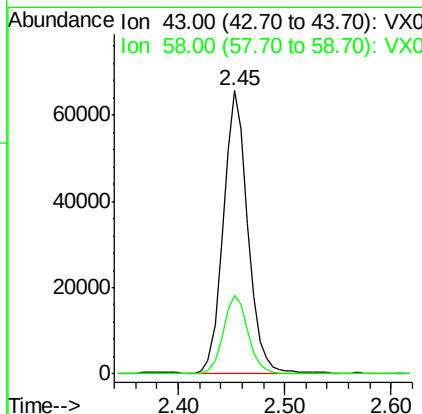
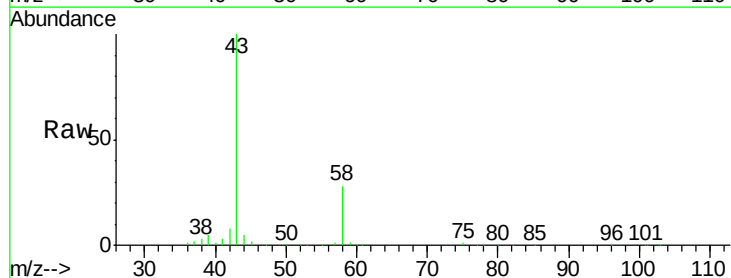
RT: 2.45 min Scan# 306

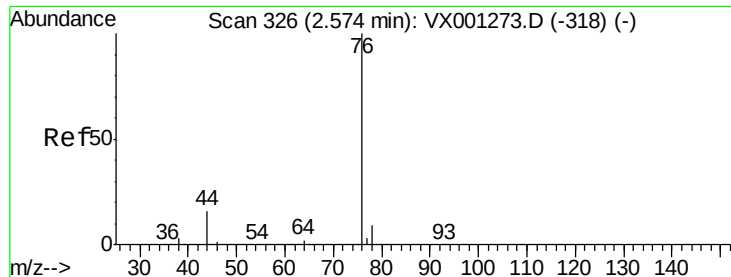
Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	43	Resp:	104664
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.8	34.2





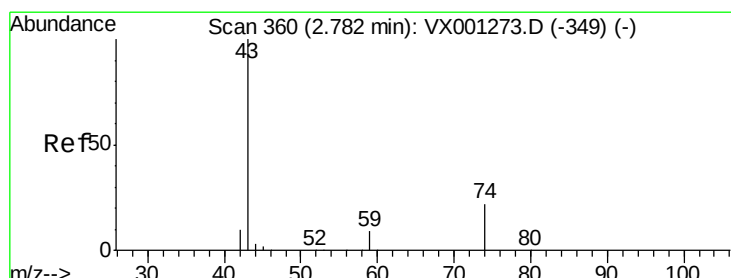
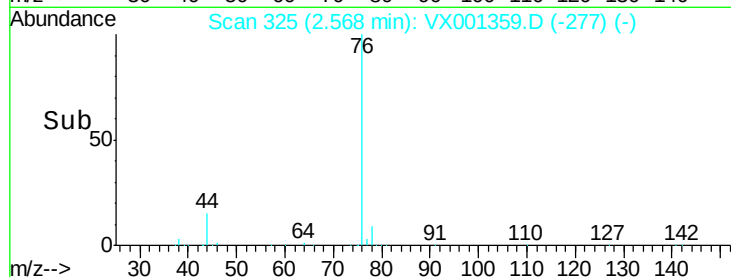
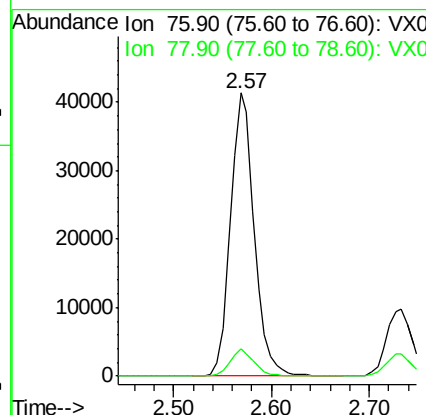
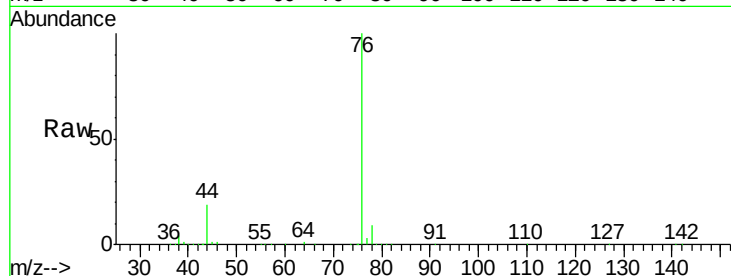
#17
Carbon Disulfide
Concen: 17.10 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion: 76 Resp: 69338
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

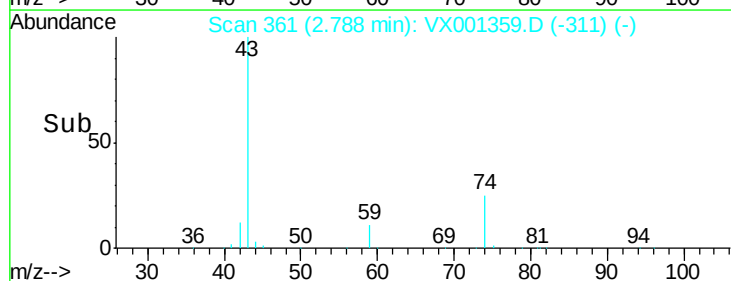
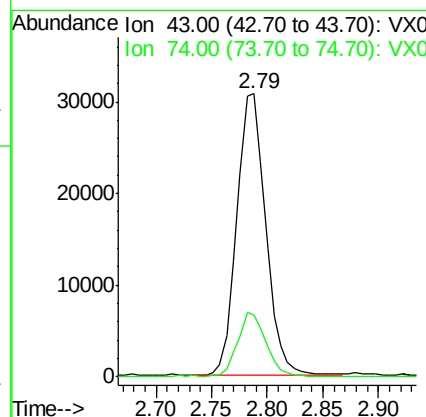
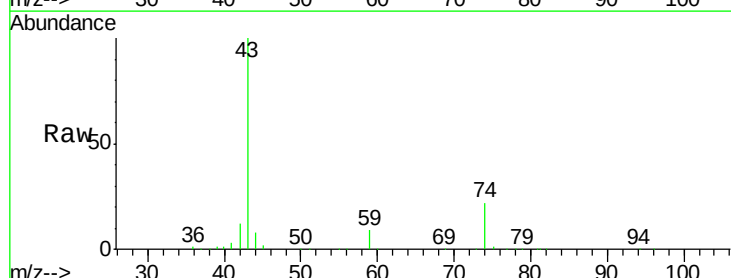
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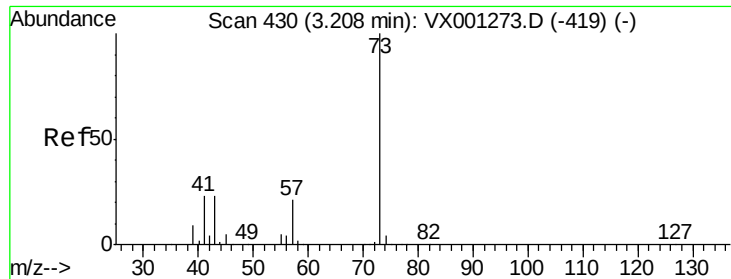
MMDadoda
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#18
Methyl Acetate
Concen: 25.69 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 43 Resp: 55632
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6





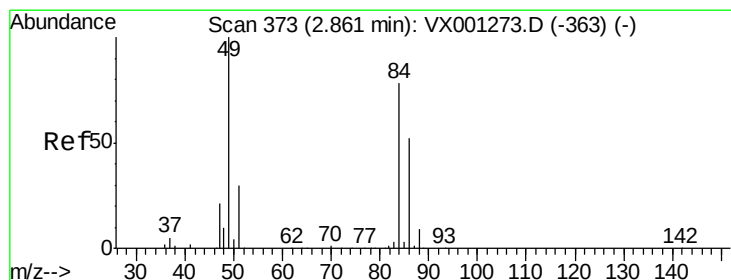
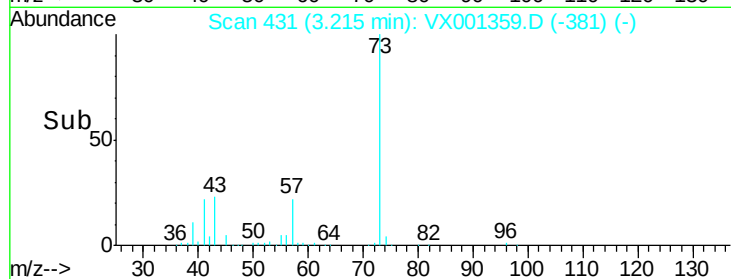
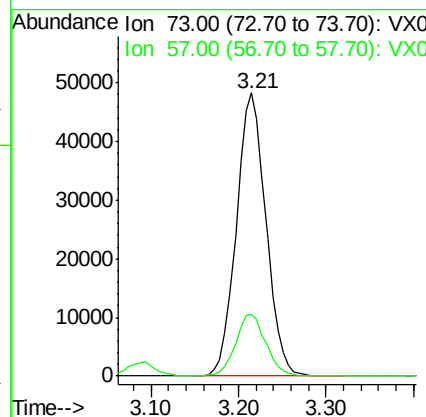
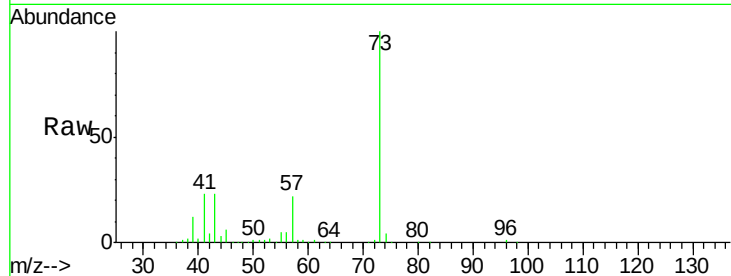
#19
Methyl tert-butyl Ether
Concen: 21.44 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion: 73 Resp: 113662
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

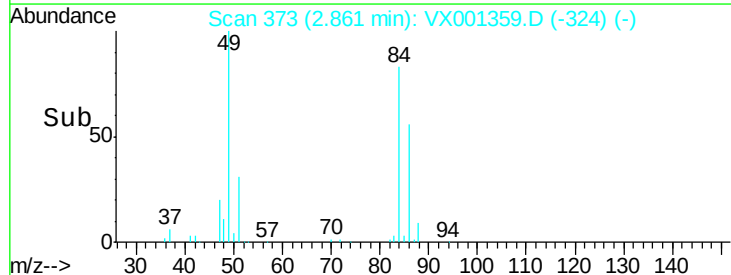
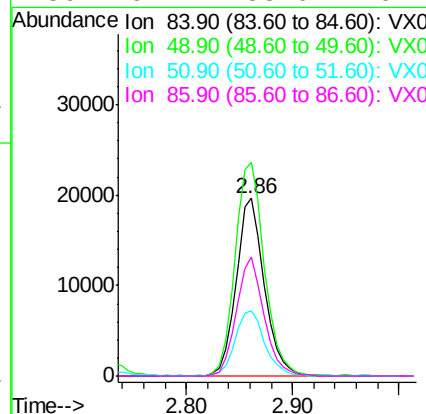
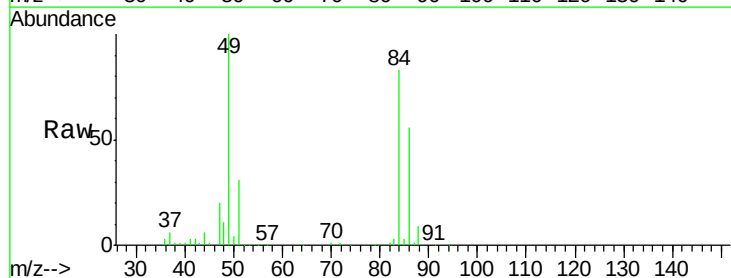
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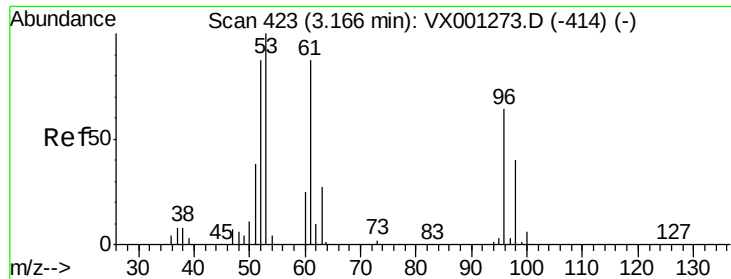
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#20
Methylene Chloride
Concen: 21.11 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 84 Resp: 36453
Ion Ratio Lower Upper
84 100
49 120.4 102.8 154.2
51 37.2 30.9 46.3
86 67.1 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 20.10 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion: 96 Resp: 34063

Ion Ratio Lower Upper

96 100

61 126.2 108.6 162.8

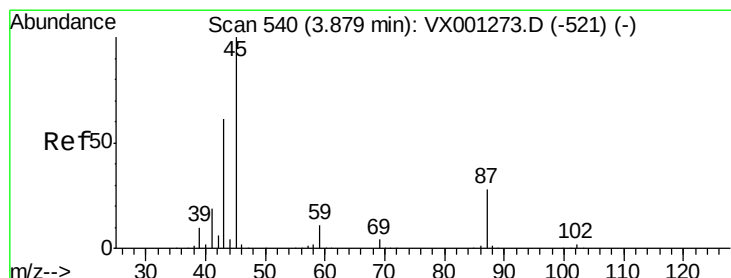
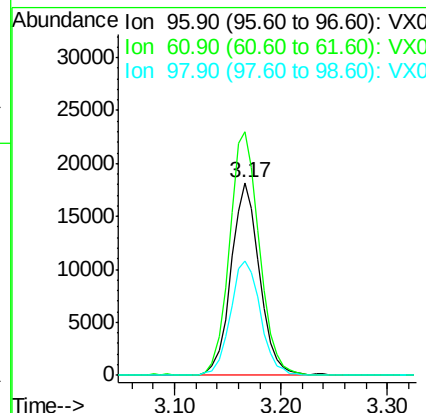
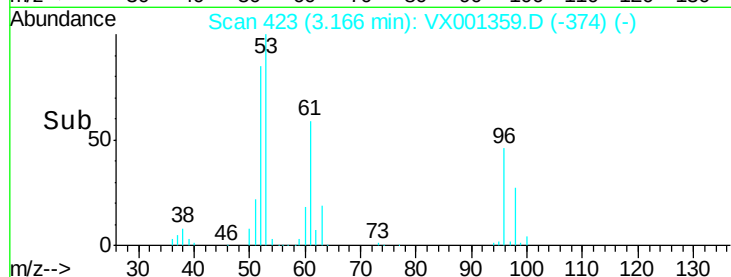
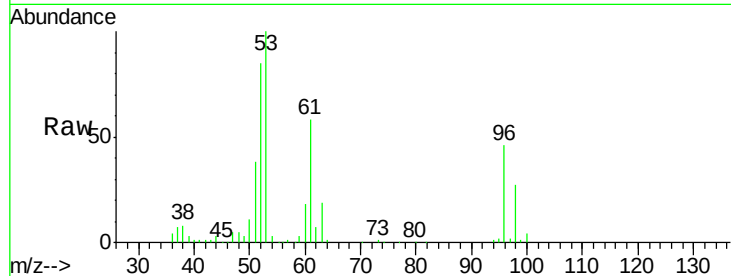
98 59.1 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.38 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion: 45 Resp: 112162

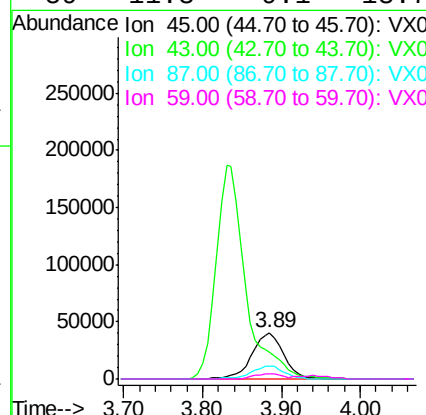
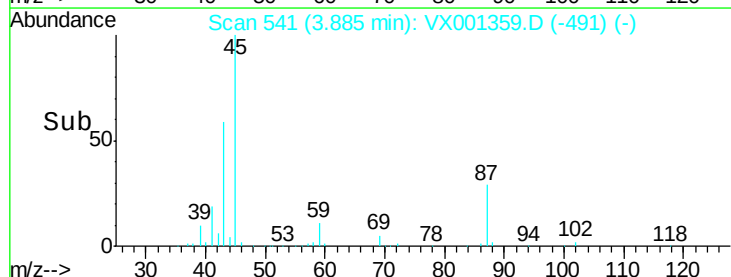
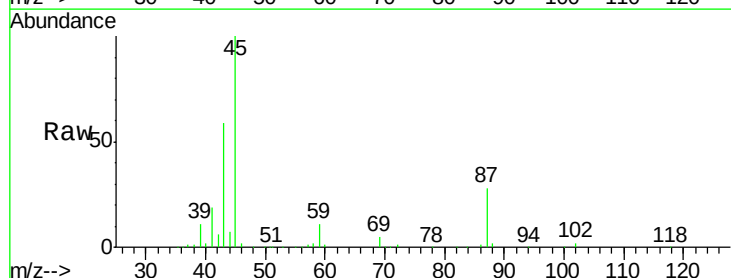
Ion Ratio Lower Upper

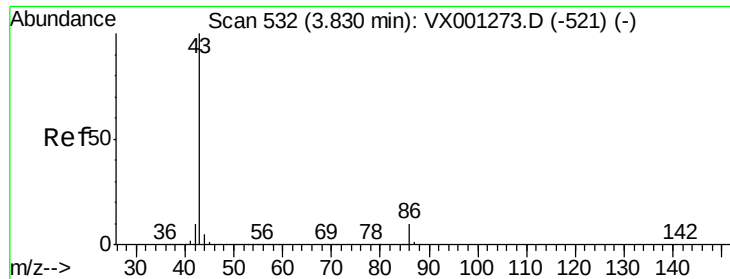
45 100

43 57.7 48.7 73.1

87 28.5 22.2 33.4

59 11.3 9.1 13.7





#23

Vinyl Acetate

Concen: 110.23 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion: 43 Resp: 489955

Ion Ratio Lower Upper

43 100

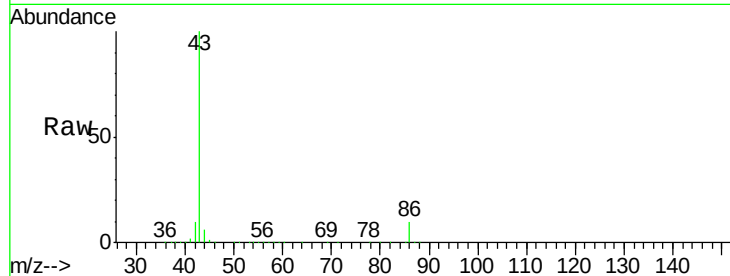
86 10.3 8.2 12.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

200000

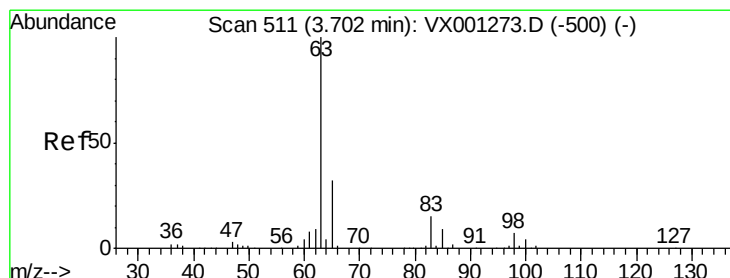
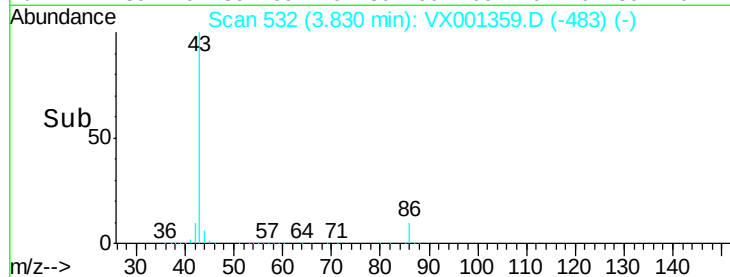
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.84 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

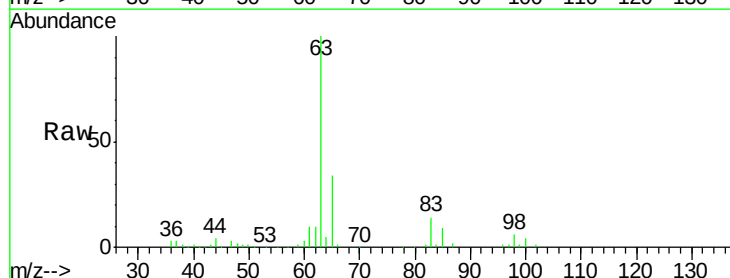
Tgt Ion: 63 Resp: 63811

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

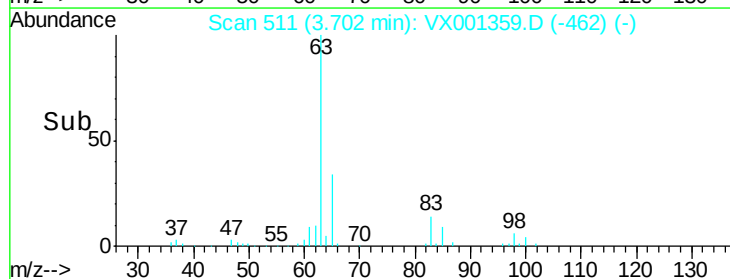
30000

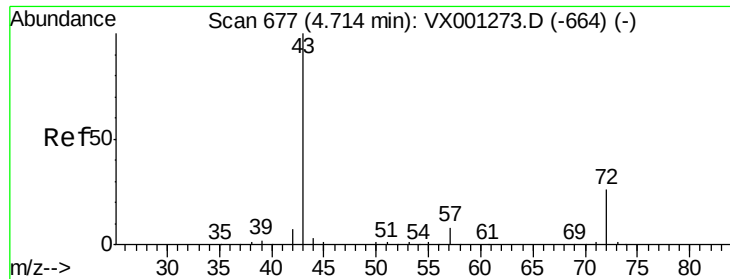
20000

10000

0

Time-->





#25

2-Butanone

Concen: 110.36 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tot Ion: 43 Resp: 136830

Ion Ratio Lower Upper

43 100

72 25.5 20.5 30.7

Instrument :

MSVOA_X

ClientSampled :

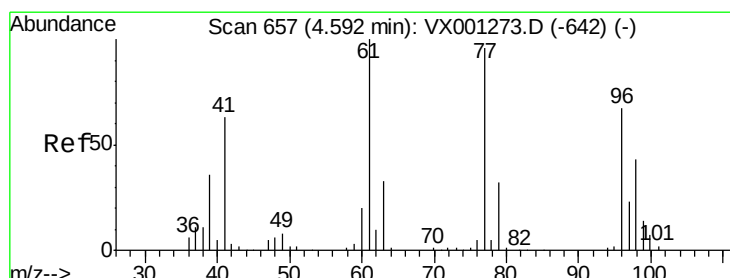
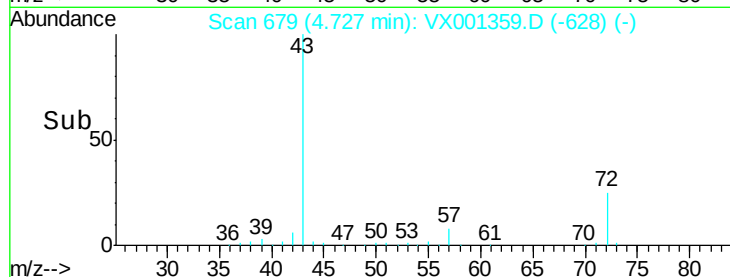
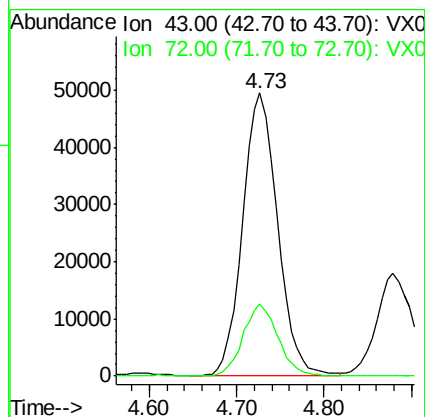
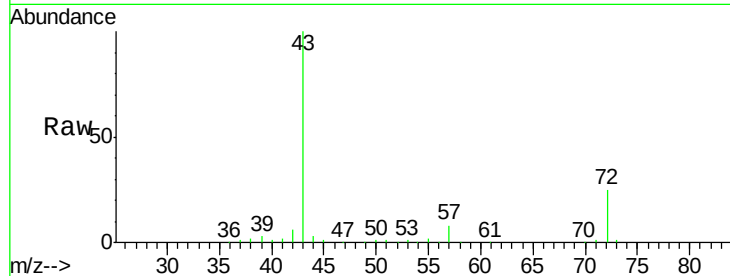
VX0503WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.45 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001359.D

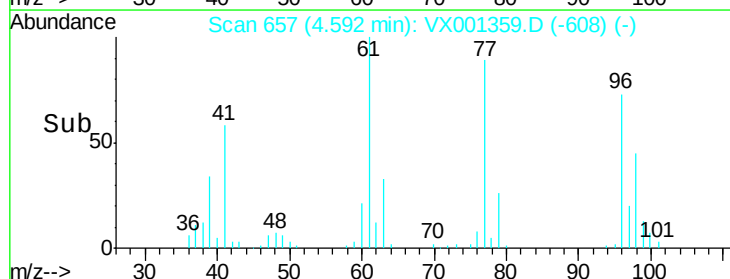
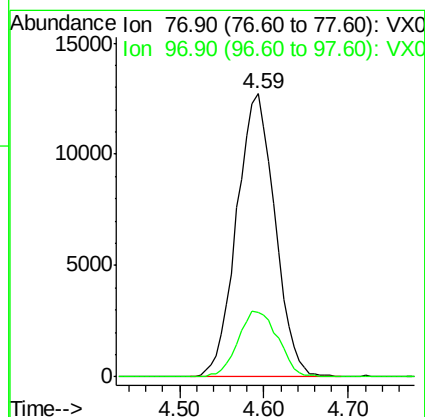
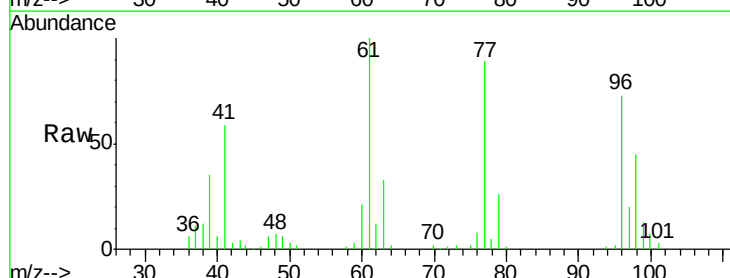
Acq: 03 May 2018 15:13

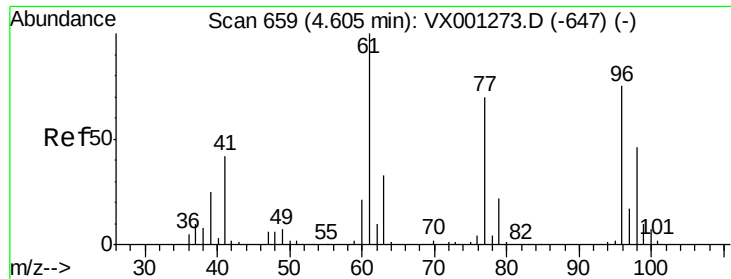
Tgt Ion: 77 Resp: 39124

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.3





#27

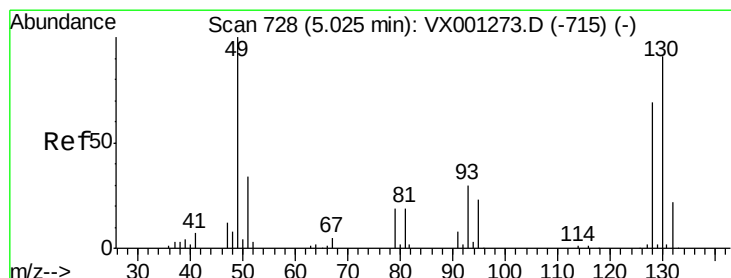
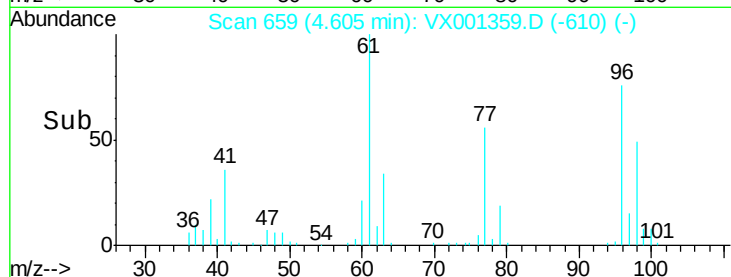
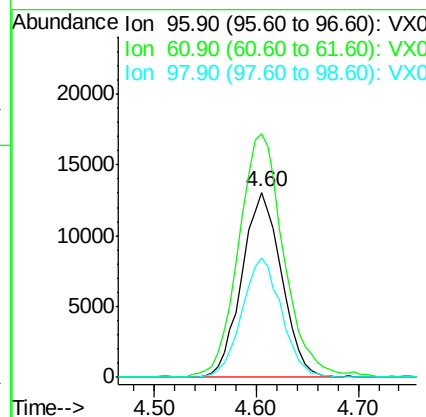
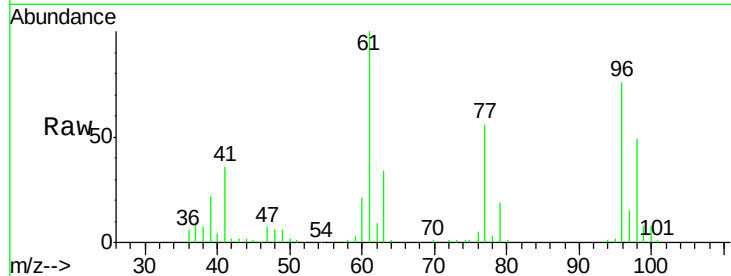
cis-1,2-Dichloroethene
Concen: 19.04 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	35448		
61	150.4	0.0	288.0	
98	64.6	0.0	130.2	

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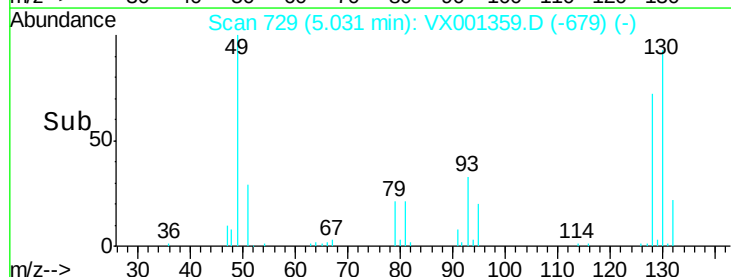
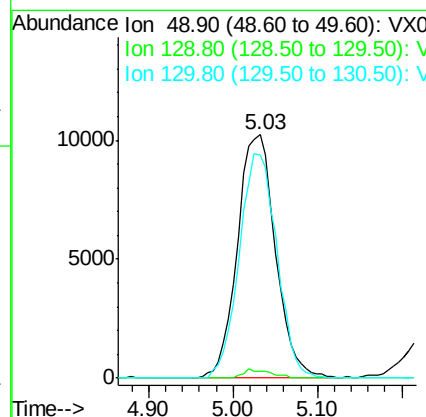
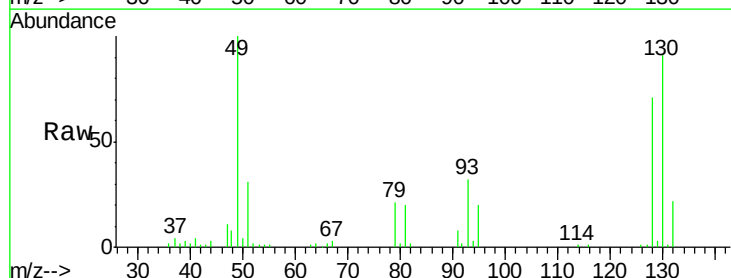
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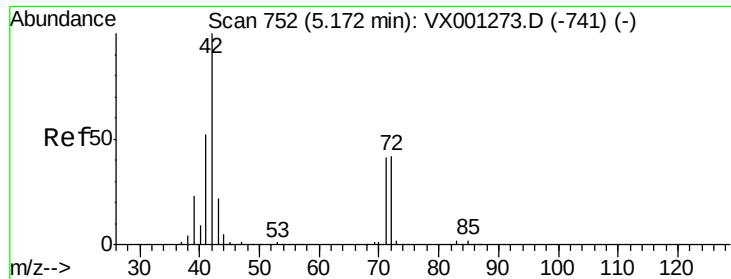


#28

Bromochloromethane
Concen: 23.86 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31342		
129	2.5	0.0	4.8	
130	91.0	70.4	105.6	





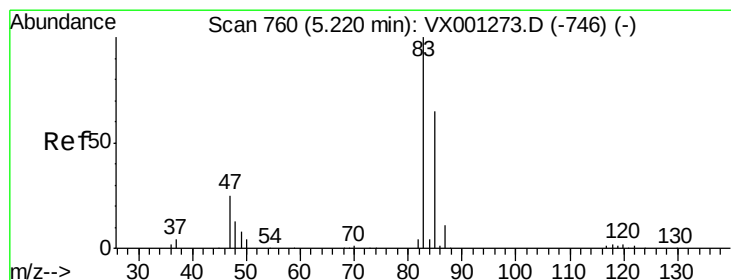
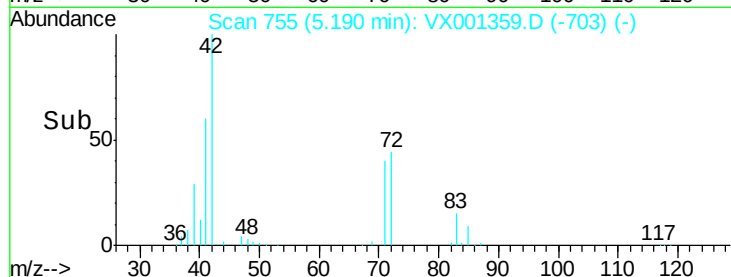
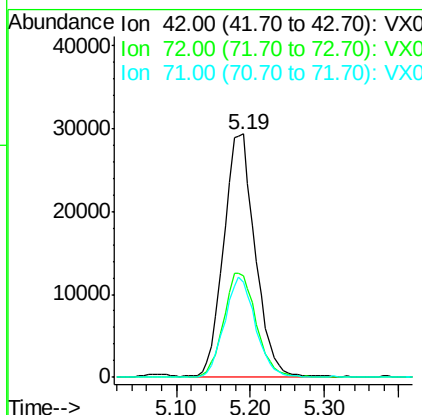
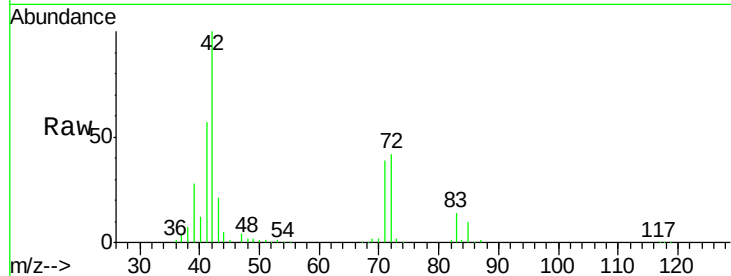
#29
Tetrahydrofuran
Concen: 113.54 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.6	52.0
71	40.5	32.7	49.1

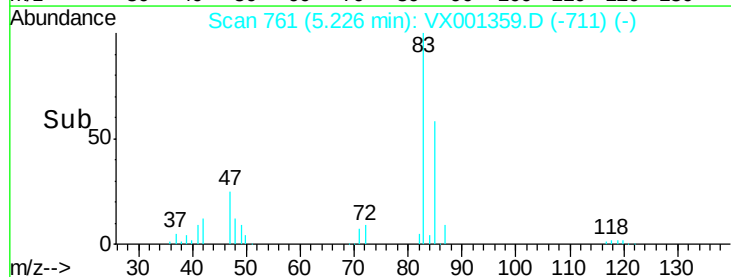
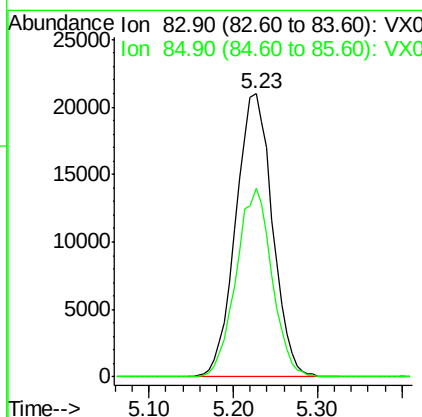
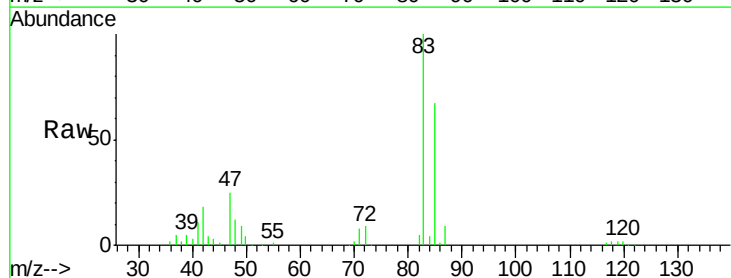
Manual Integrations
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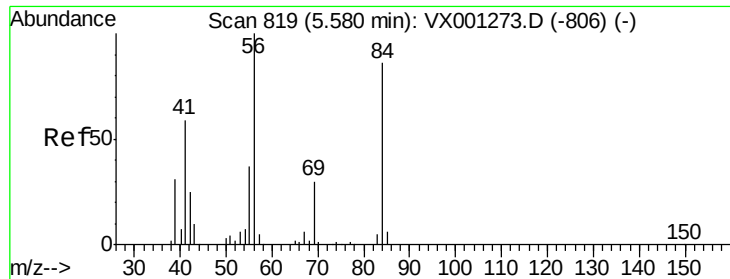
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#30
Chloroform
Concen: 20.02 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.2	78.2





#31

Cyclohexane

Concen: 17.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

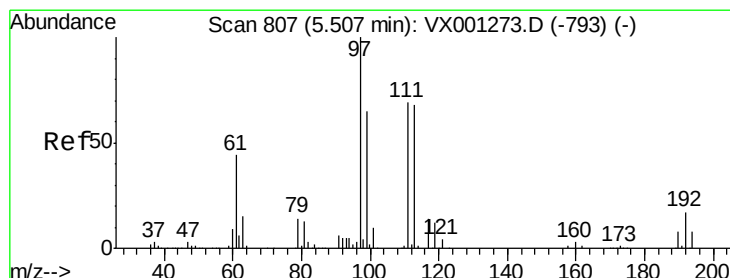
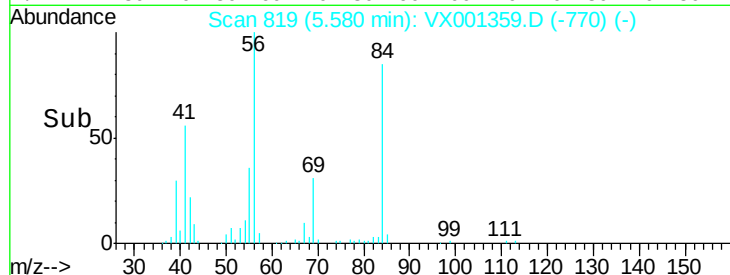
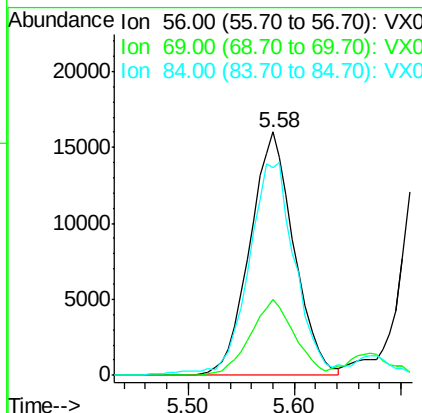
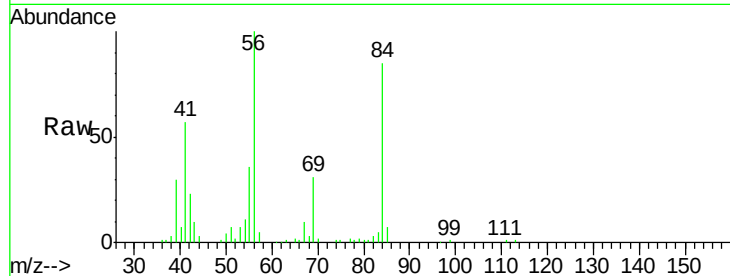
ClientSampleId :

VX0503WBS01

Tot Ion:	56	Resp:	46281
Ion Ratio		Lower	Upper
56	100		
69	31.4	24.0	36.0
84	83.4	69.0	103.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.50 ug/l

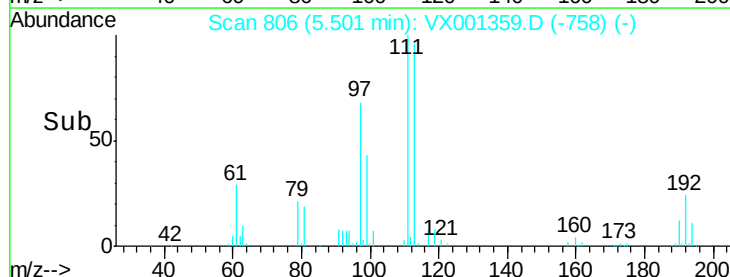
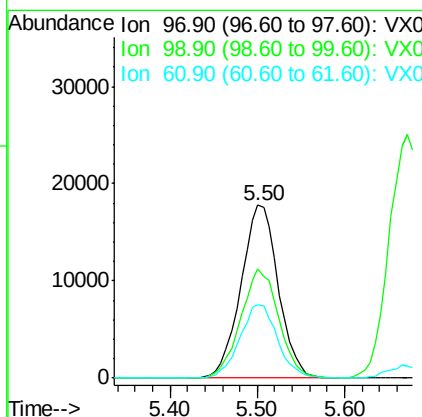
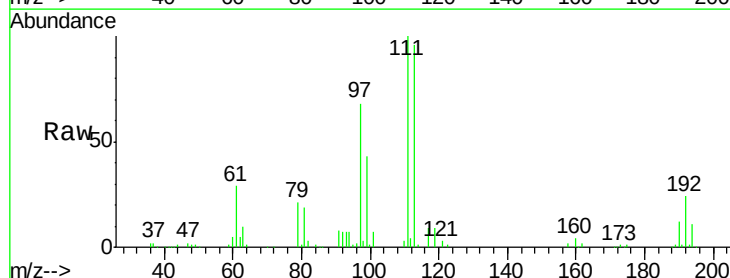
RT: 5.50 min Scan# 806

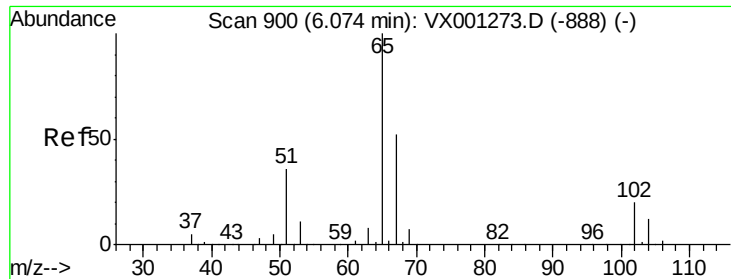
Delta R.T. -0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	97	Resp:	52640
Ion Ratio		Lower	Upper
97	100		
99	64.3	51.8	77.6
61	42.8	35.4	53.2





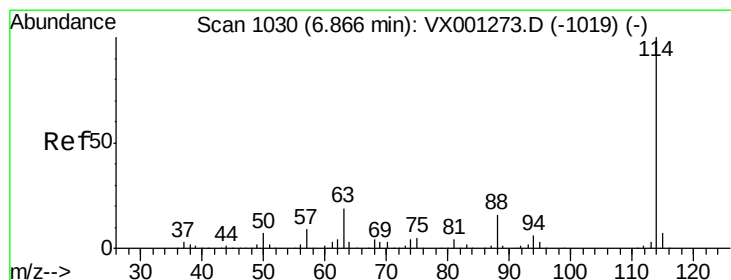
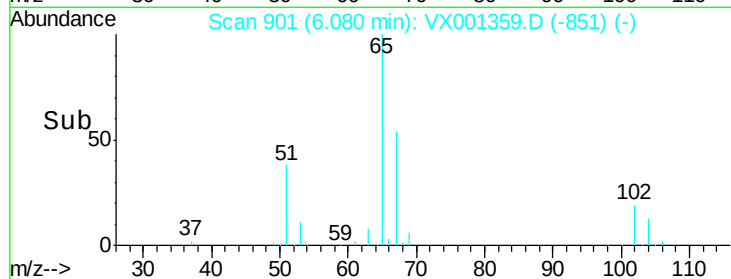
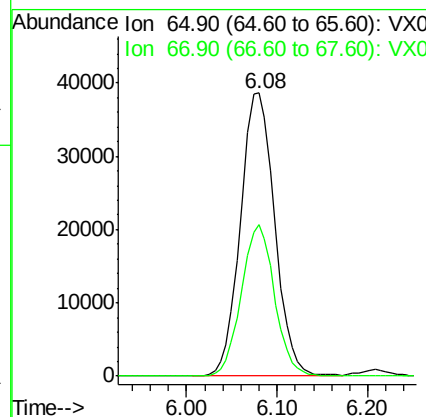
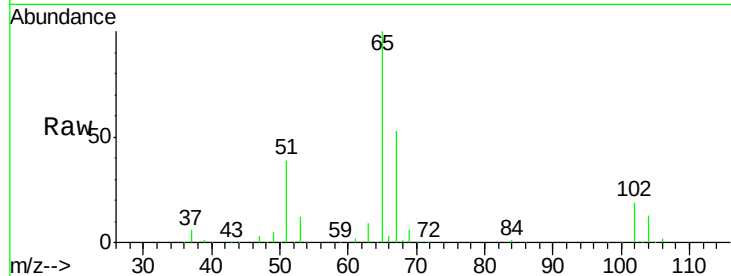
#33
 1,2-Dichloroethane-d4
 Concen: 47.23 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101456		
67	51.5	0.0	102.8	

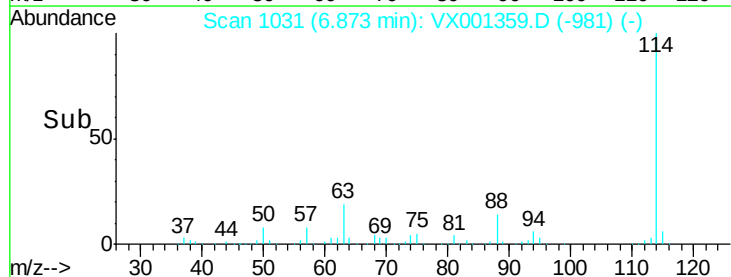
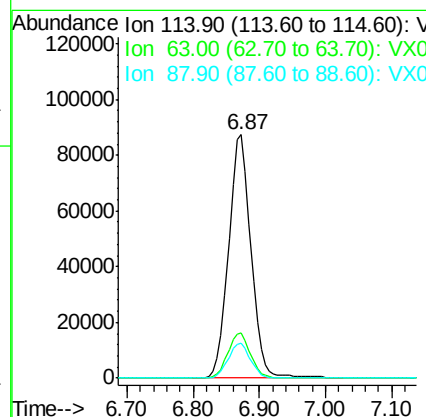
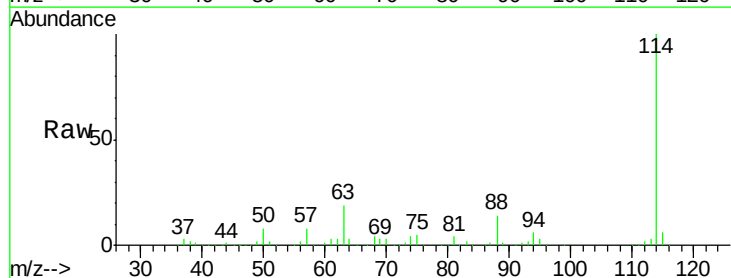
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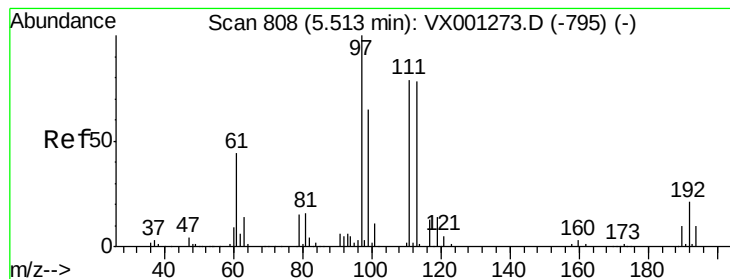
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	205222		
63	18.8	0.0	38.8	
88	14.2	0.0	32.2	





#35

Dibromofluoromethane

Concen: 49.36 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

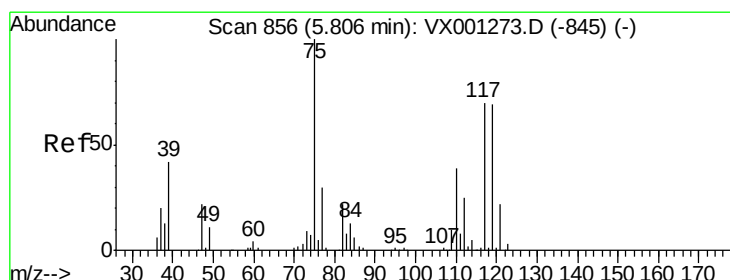
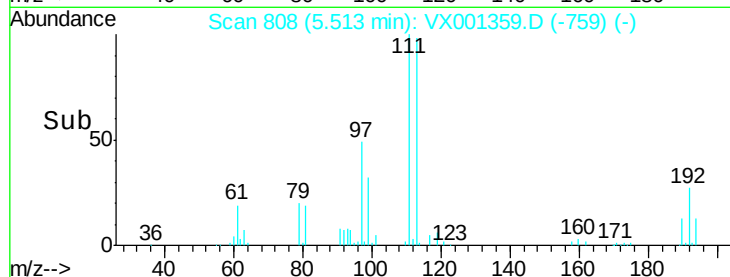
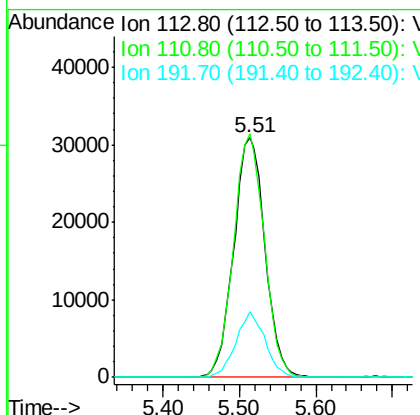
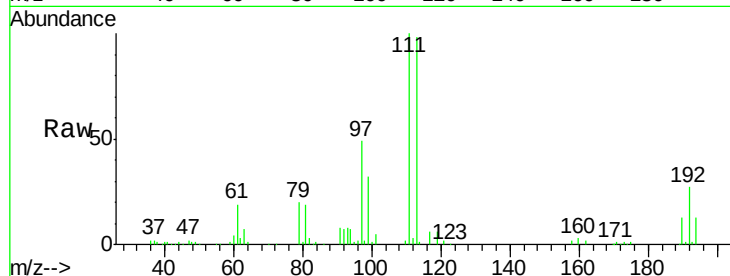
ClientSampled :

VX0503WBS01

Tot Ion:	113	Resp:	87274
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.2	121.8
192	25.5	20.7	31.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.46 ug/l

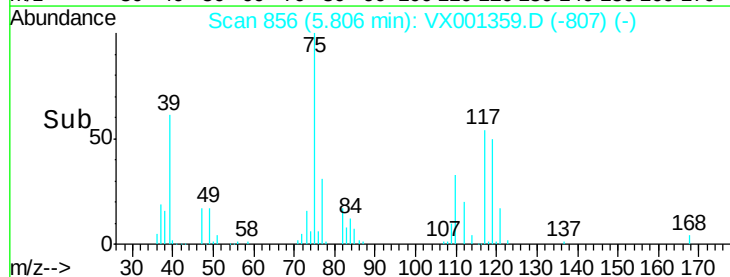
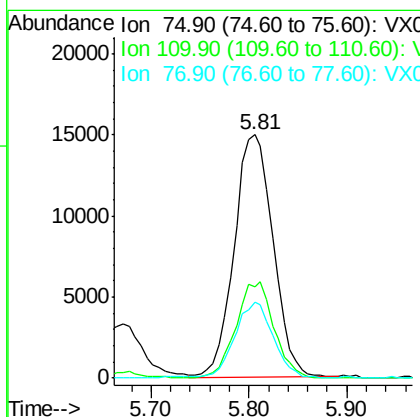
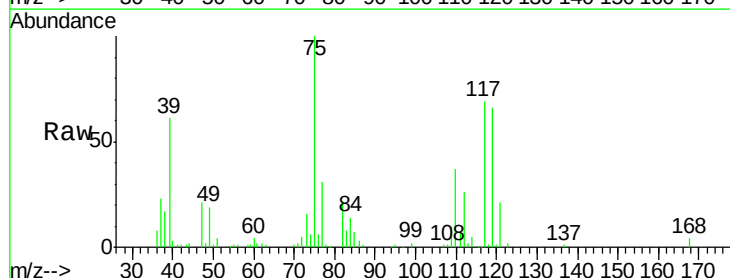
RT: 5.81 min Scan# 856

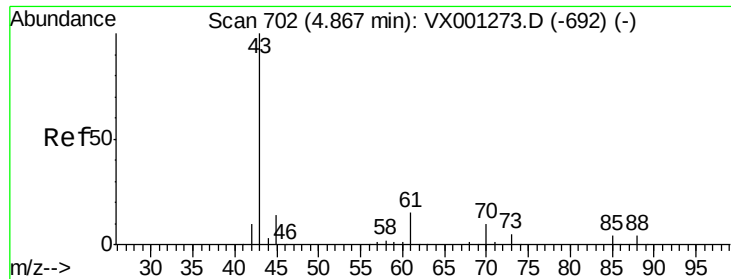
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	75	Resp:	41361
Ion	Ratio	Lower	Upper
75	100		
110	38.7	18.9	56.9
77	31.4	24.2	36.2





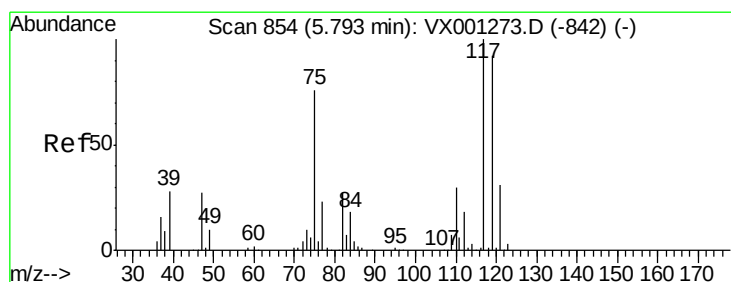
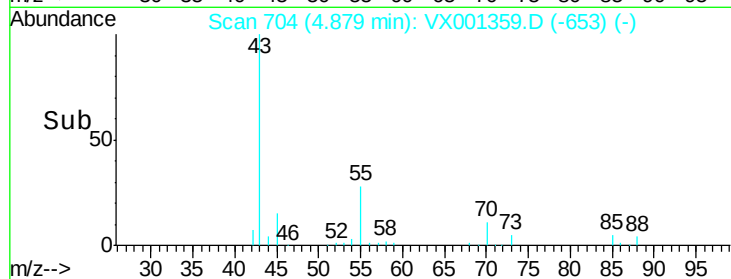
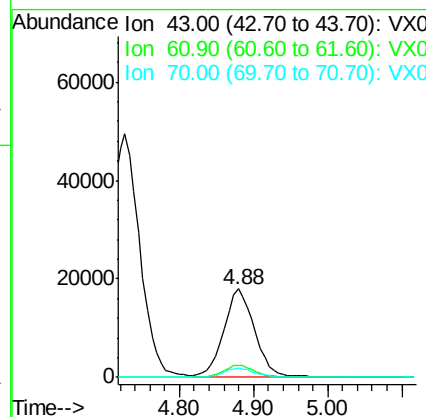
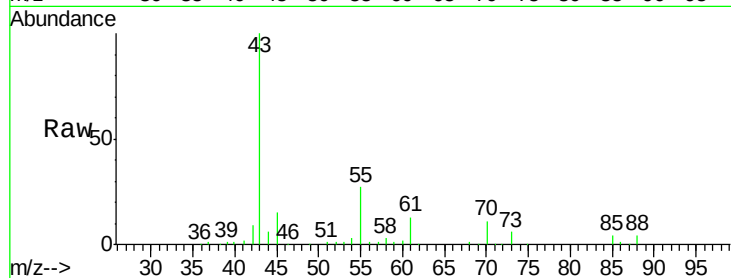
#37
Ethyl Acetate
Concen: 21.45 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	10.5	8.0	12.0

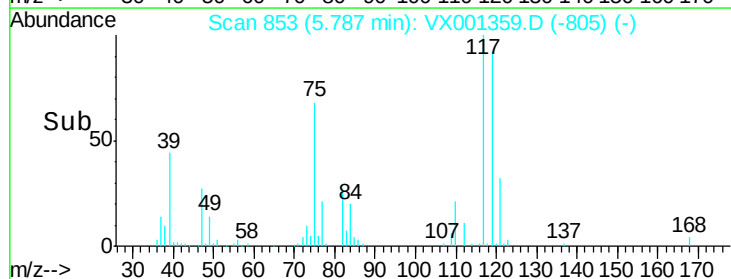
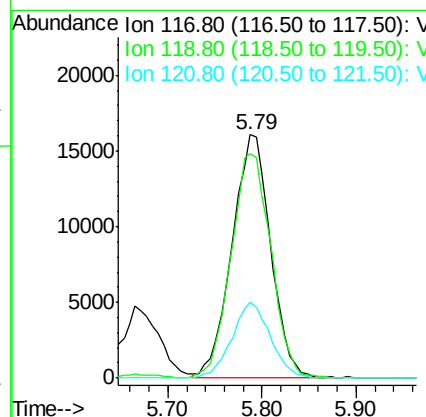
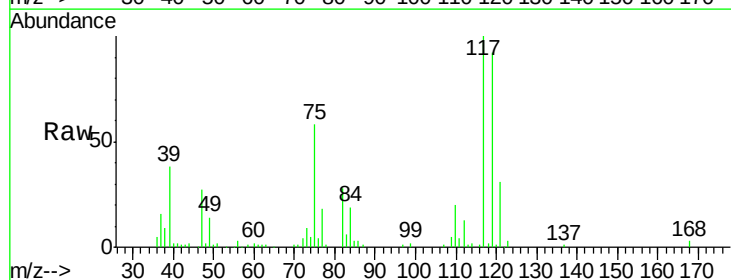
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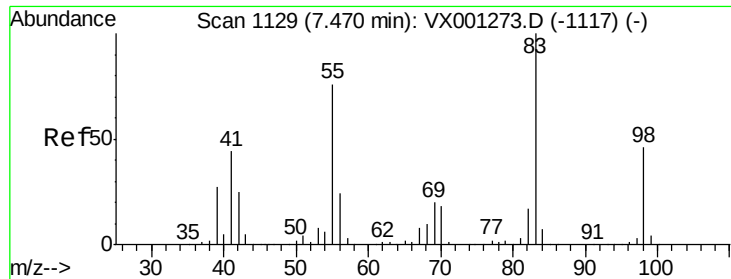
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5/5/2018 11:28:30 PM



#38
Carbon Tetrachloride
Concen: 18.58 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	73.4	110.2
121	31.4	25.0	37.4





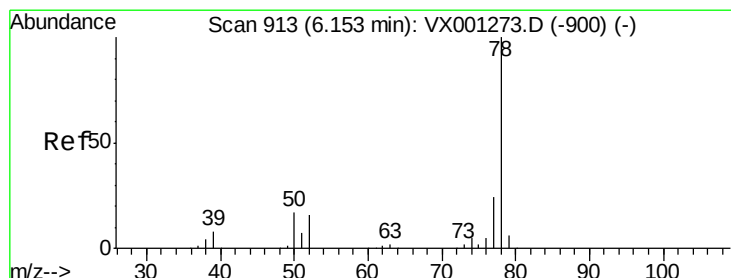
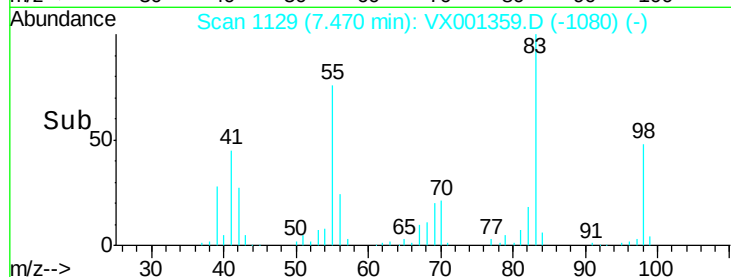
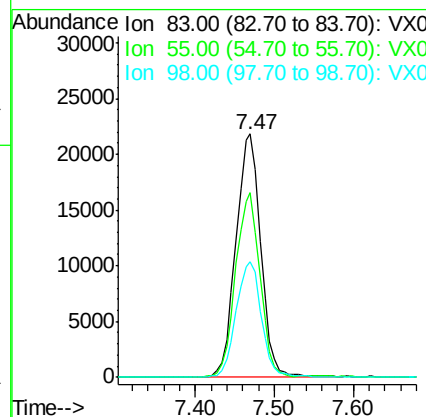
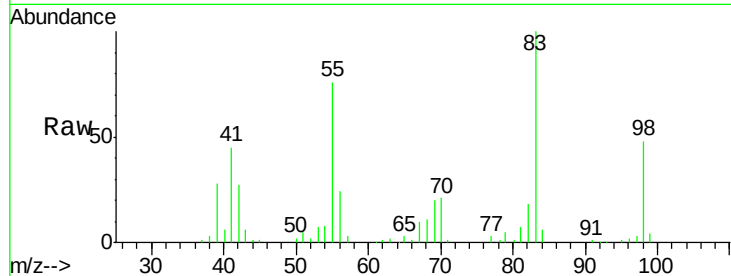
#39
Methylvlcyclohexane
Concen: 17.17 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.4	90.6
98	47.7	37.0	55.6

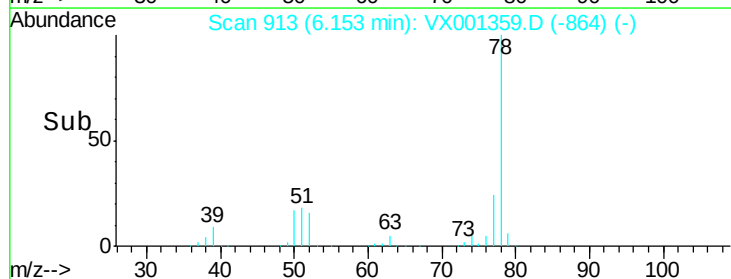
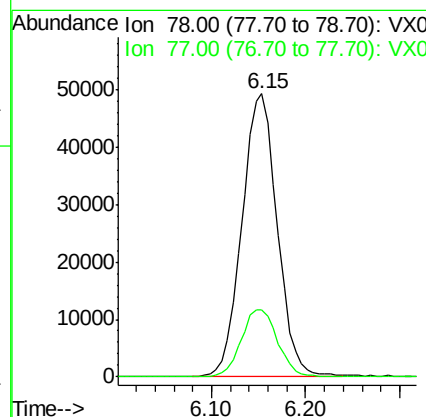
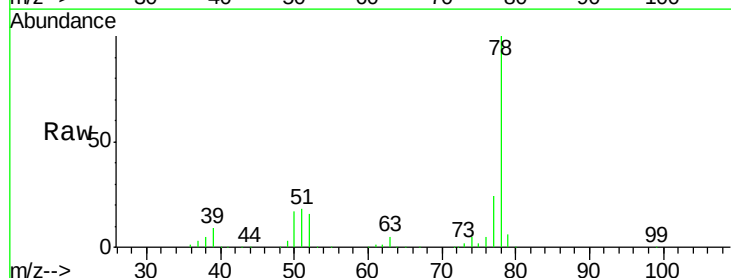
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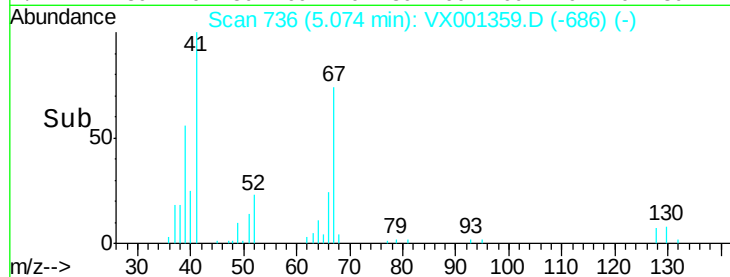
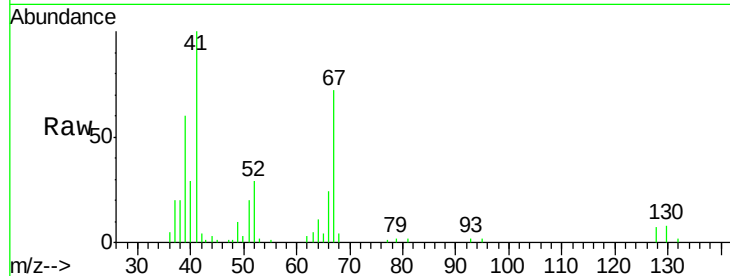
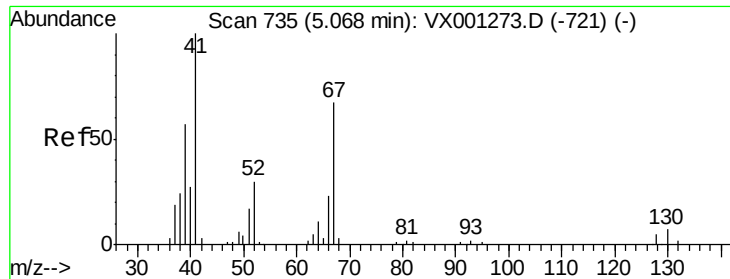
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5/5/2018 11:28:30 PM



#40
Benzene
Concen: 18.95 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





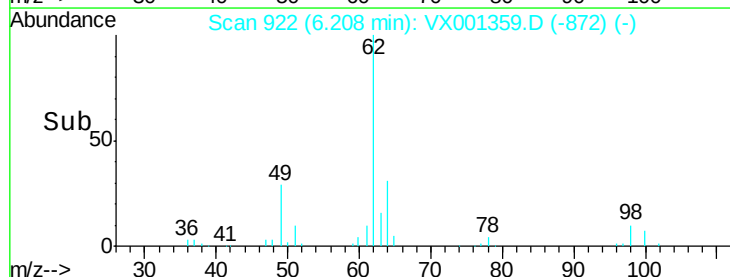
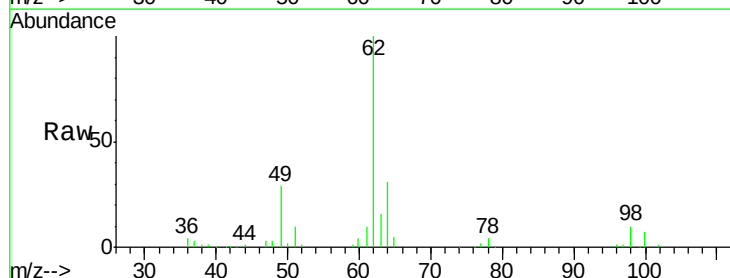
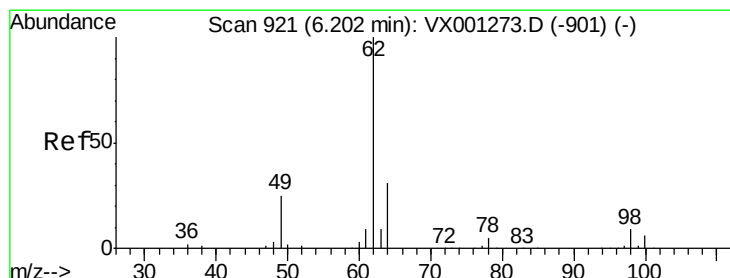
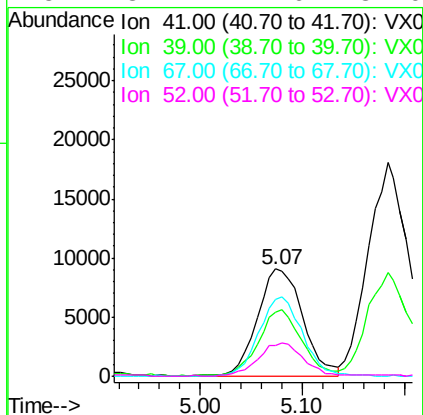
#41
Methacrylonitrile
Concen: 20.20 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28134		
39	57.5	45.8	68.8		
67	70.4	54.8	82.2		
52	31.4	24.6	37.0		

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

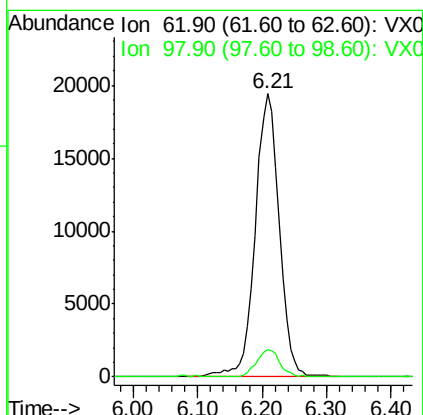
Manual Integrations
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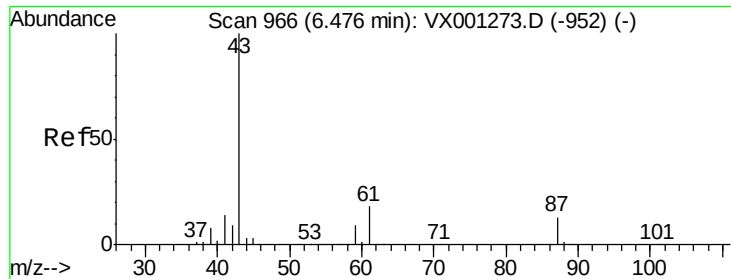
MMDadoda
5/5/2018 11:28:30 PM



#42
1,2-Dichloroethane
Concen: 18.82 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		49641		
98	9.4	0.0	17.2		





#43

Isopropyl Acetate

Concen: 19.76 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

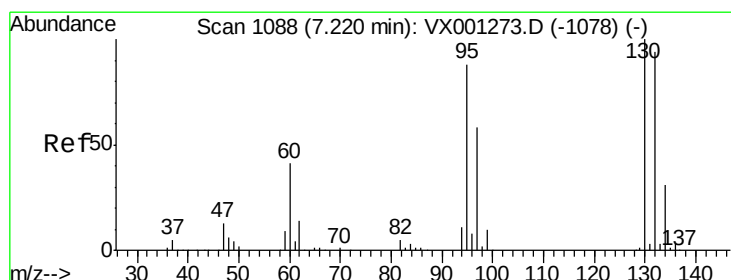
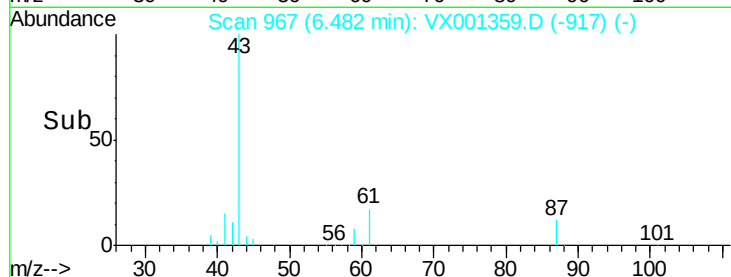
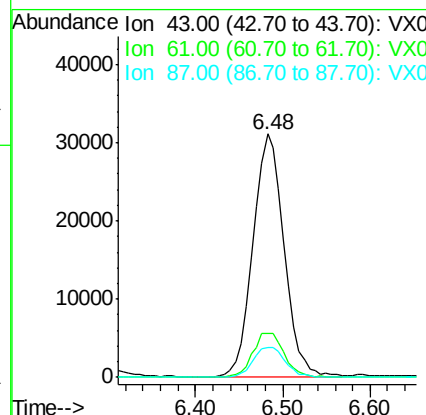
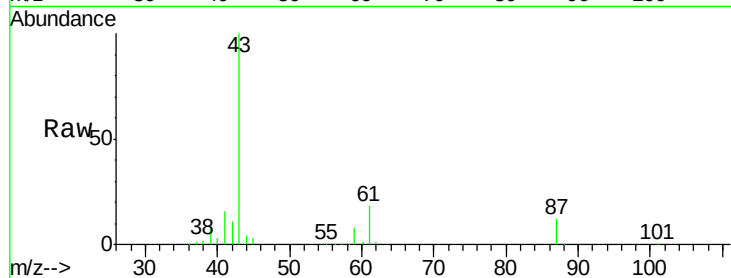
ClientSampled :

VX0503WBS01

Tot Ion:	43	Resp:	76495
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.0	22.4
87	13.3	10.2	15.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.76 ug/l

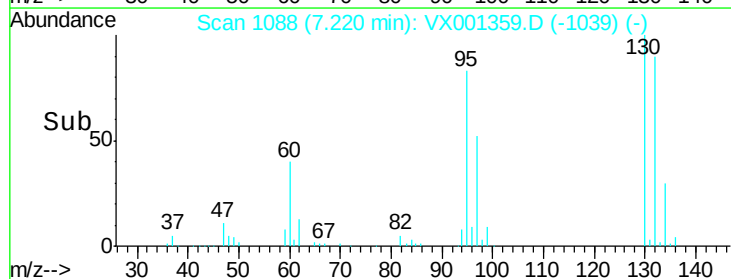
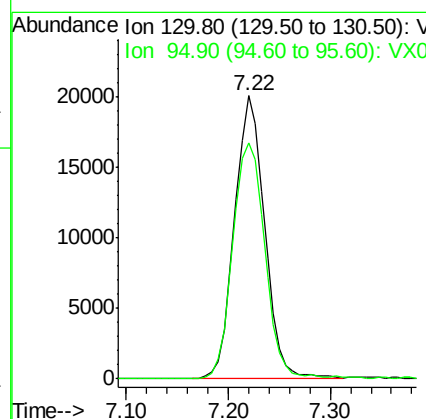
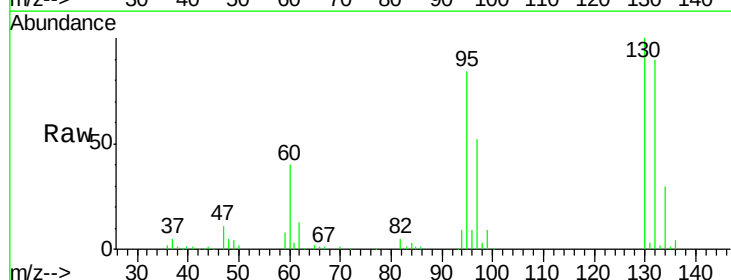
RT: 7.22 min Scan# 1088

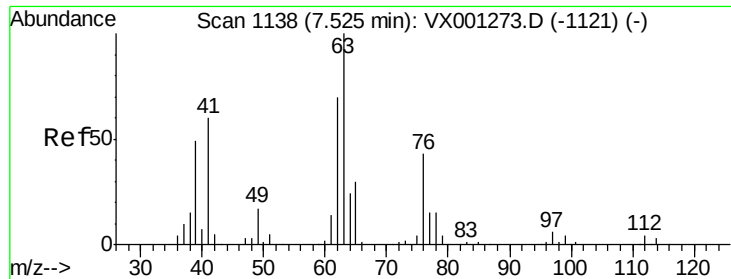
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	130	Resp:	41222
Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	176.0





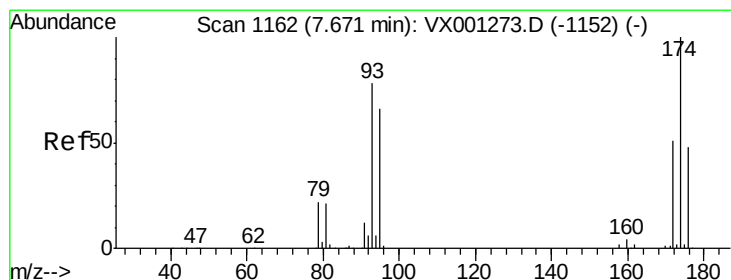
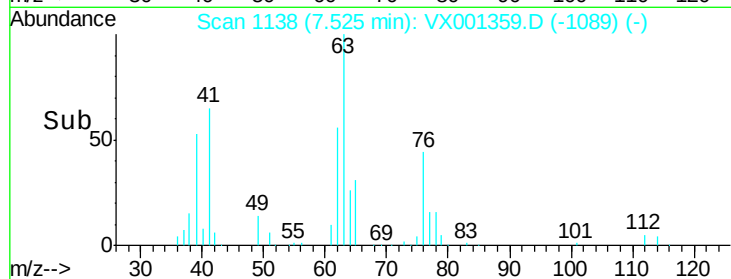
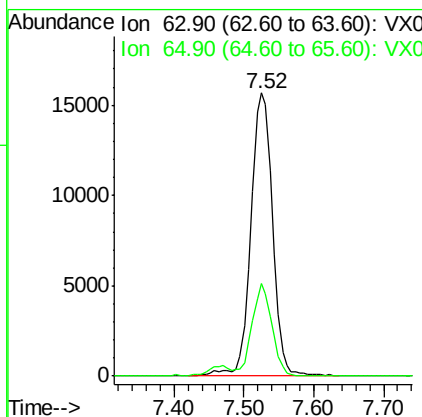
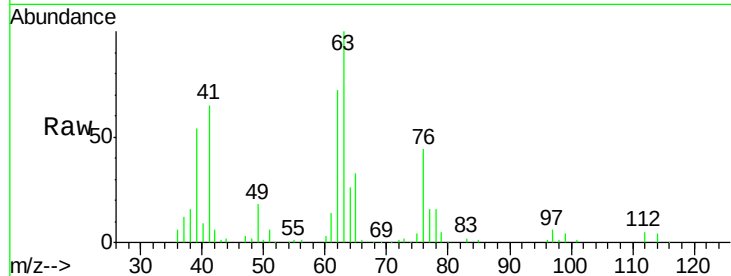
#45
 1,2-Dichloropropane
 Concen: 19.31 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tot Ion: 63 Resp: 33794
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.2 36.4

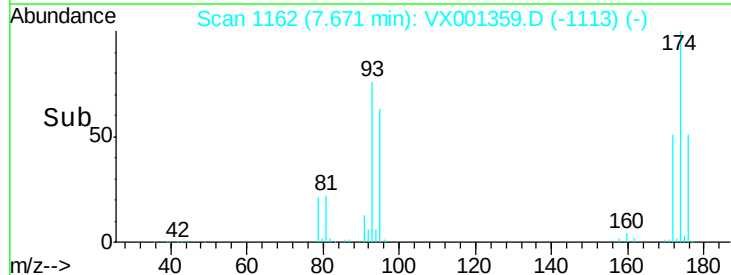
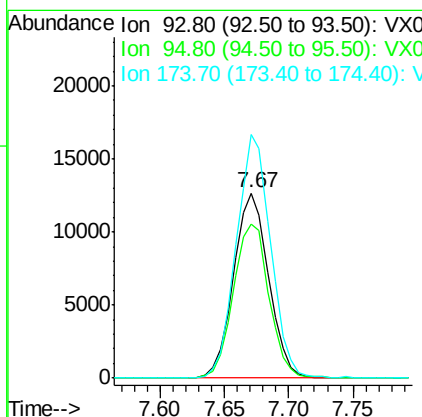
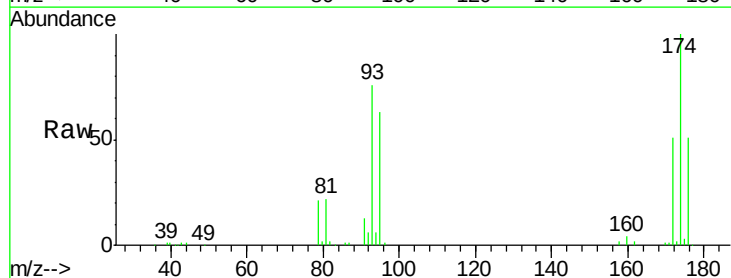
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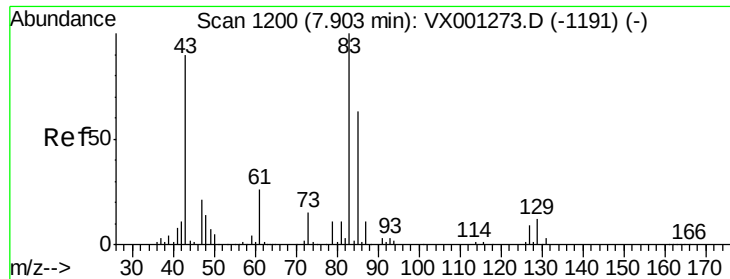
MMDadoda
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#46
 Dibromomethane
 Concen: 19.47 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion: 93 Resp: 23885
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.0 100.6
 174 128.2 102.3 153.5





#47

Bromodichloromethane

Concen: 18.99 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

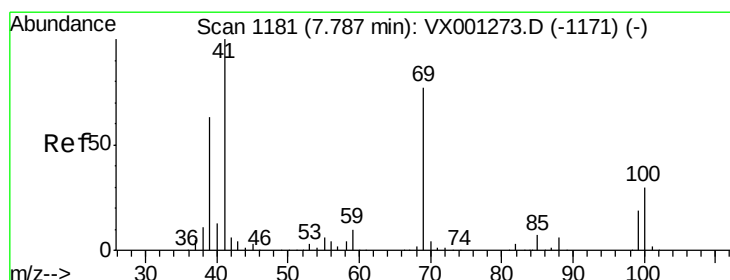
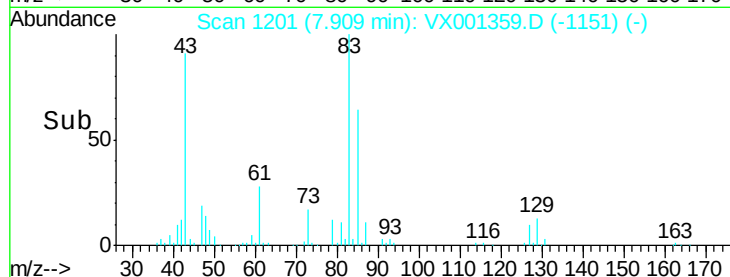
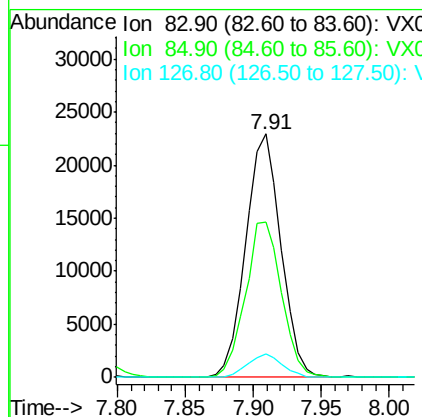
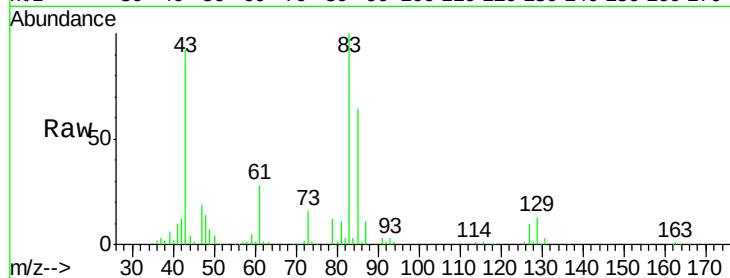
ClientSampleId :

VX0503WBS01

Tot Ion:	83	Resp:	41646
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	9.8	7.4	11.2

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#48

Methyl methacrylate

Concen: 19.57 ug/l

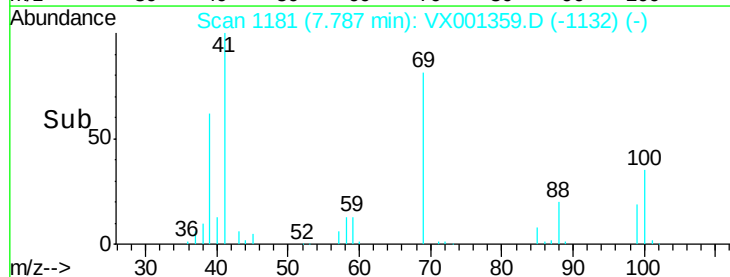
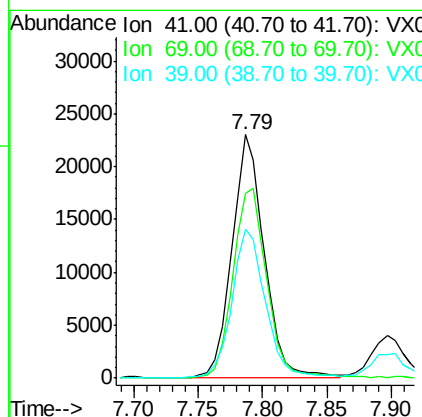
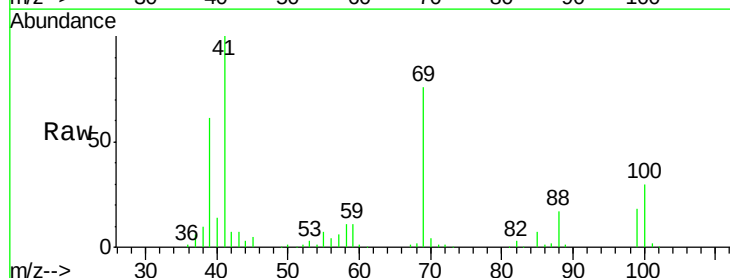
RT: 7.79 min Scan# 1181

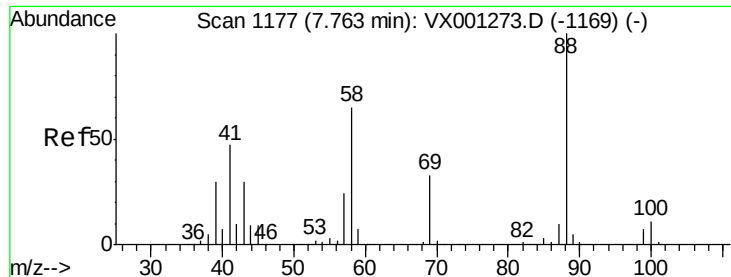
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	41	Resp:	40285
Ion	Ratio	Lower	Upper
41	100		
69	81.9	63.0	94.6
39	63.8	50.2	75.4





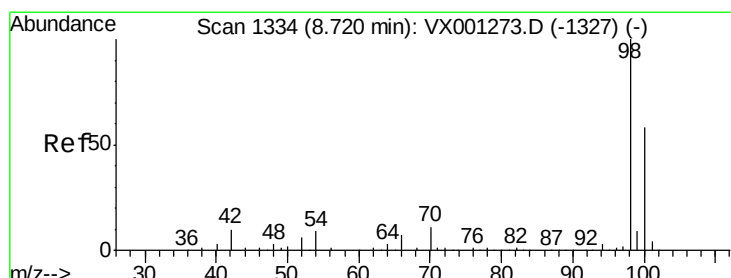
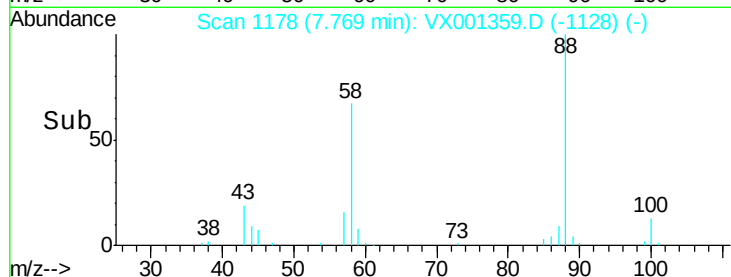
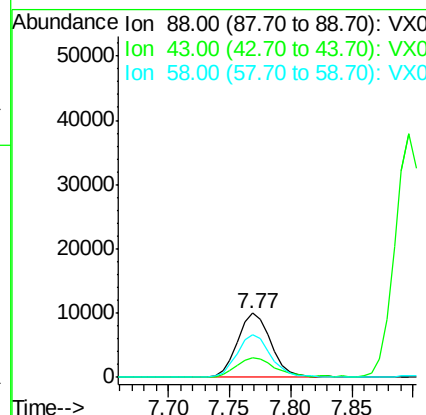
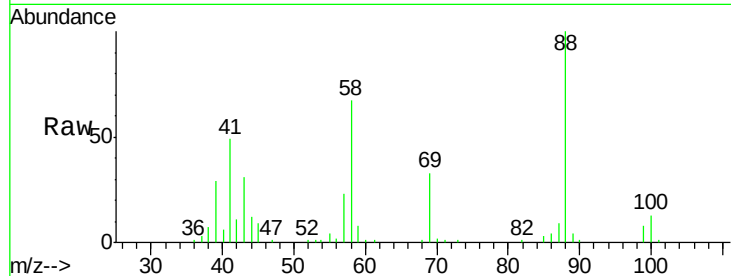
#49
1,4-Dioxane
Concen: 483.22 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.9	41.9
58	67.8	54.2	81.2

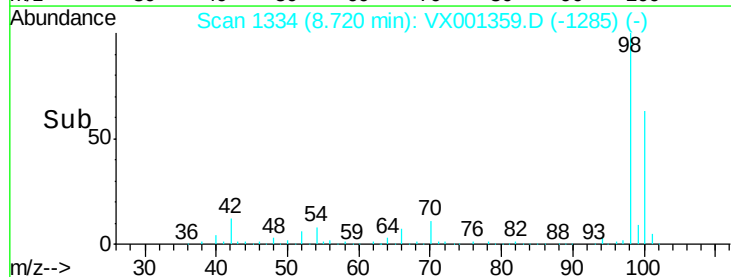
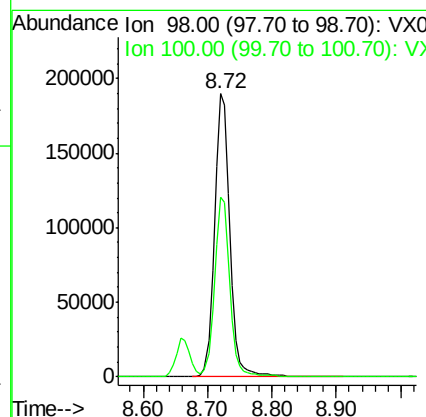
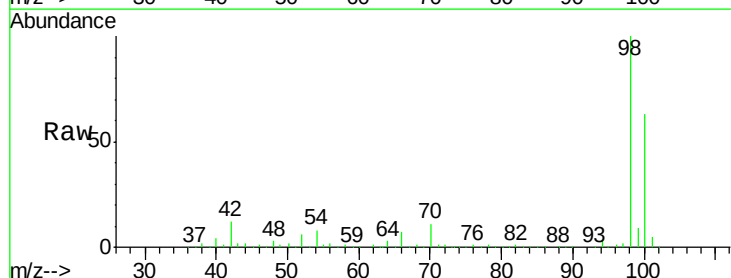
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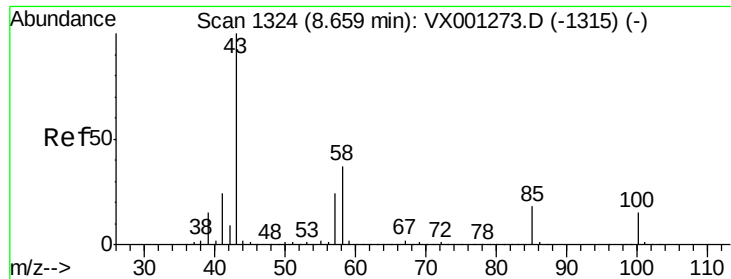
MMDadoda
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#50
Toluene-d8
Concen: 50.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 108.22 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion: 43 Resp: 270136

Ion Ratio Lower Upper

43 100

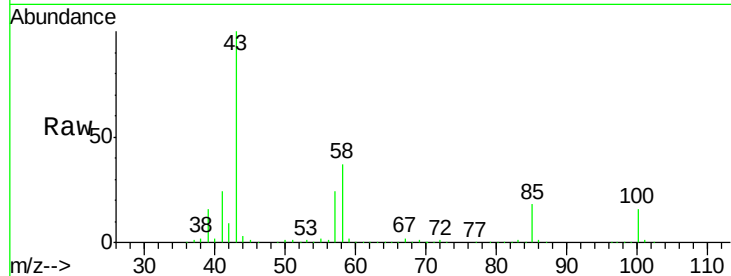
58 36.8 29.0 43.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

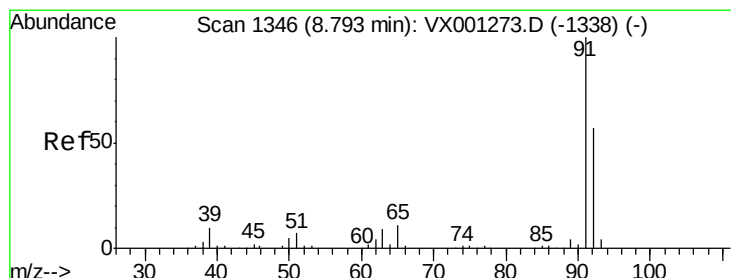
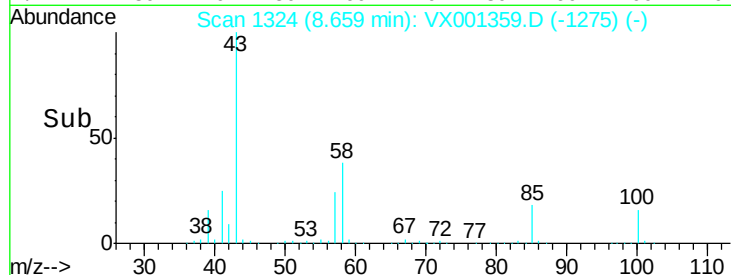
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.23 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001359.D

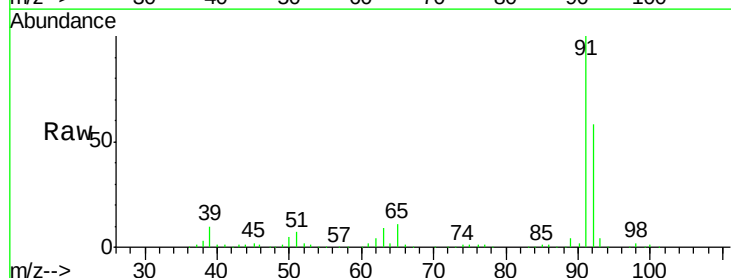
Acq: 03 May 2018 15:13

Tgt Ion: 92 Resp: 85654

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

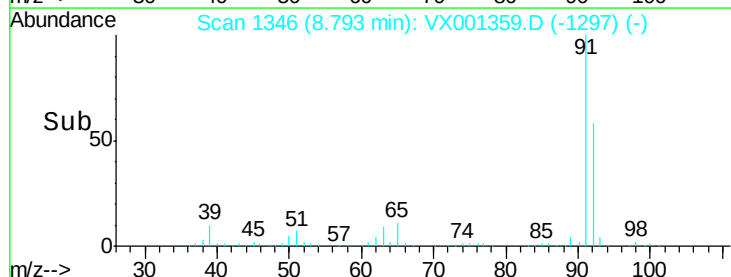
60000

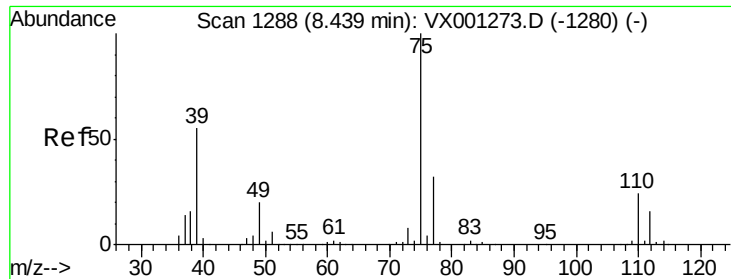
40000

20000

0

Time-->





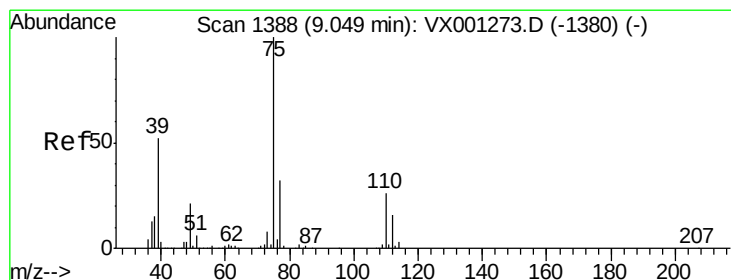
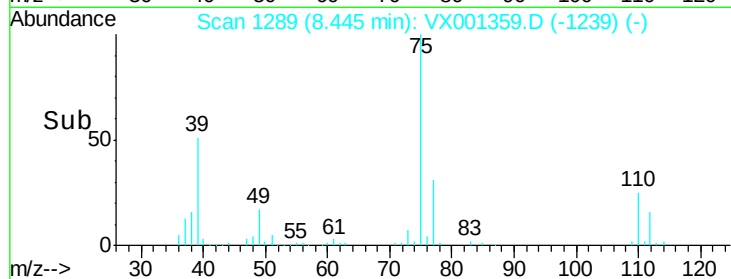
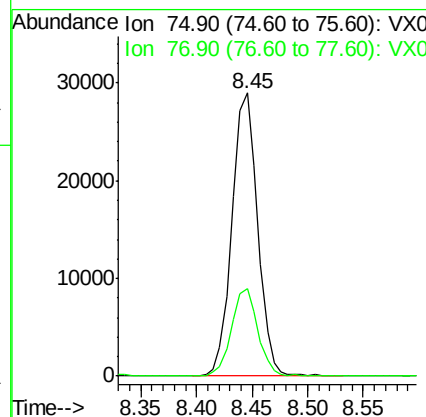
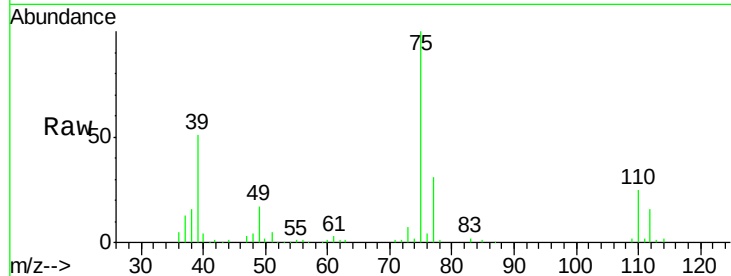
#53
t-1,3-Dichloropropene
Concen: 17.75 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion: 75 Resp: 46291
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

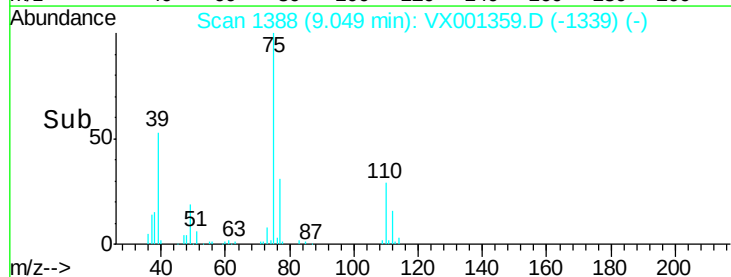
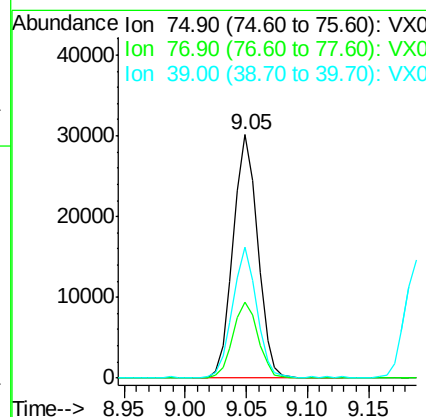
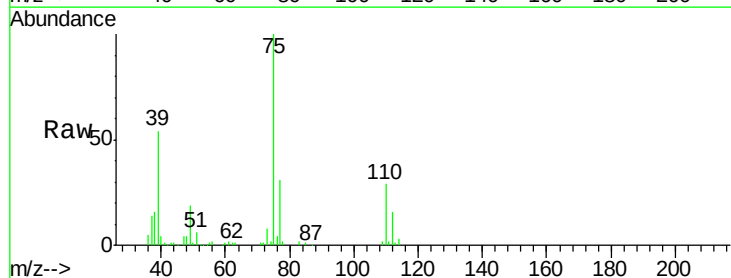
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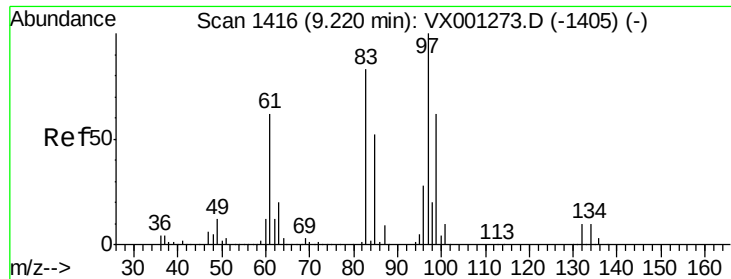
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#54
cis-1,3-Dichloropropene
Concen: 17.47 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 75 Resp: 41920
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 53.2 41.9 62.9





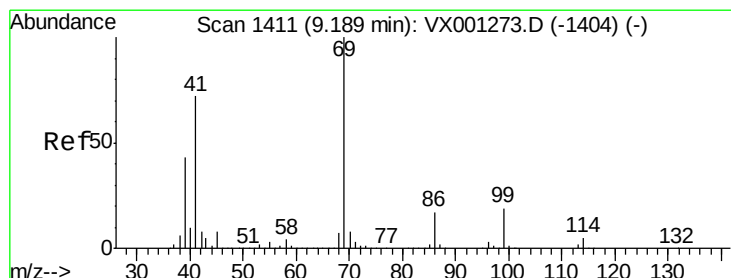
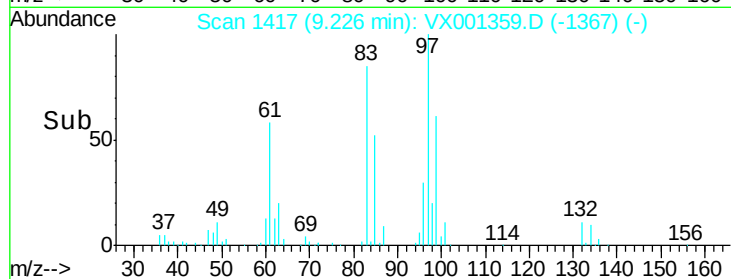
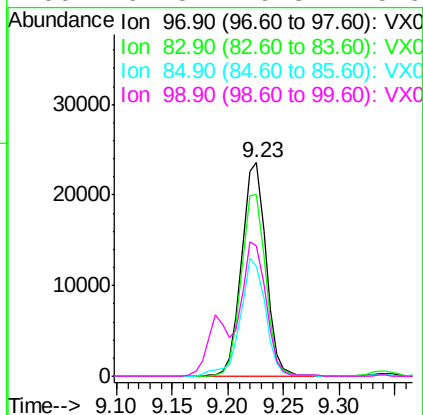
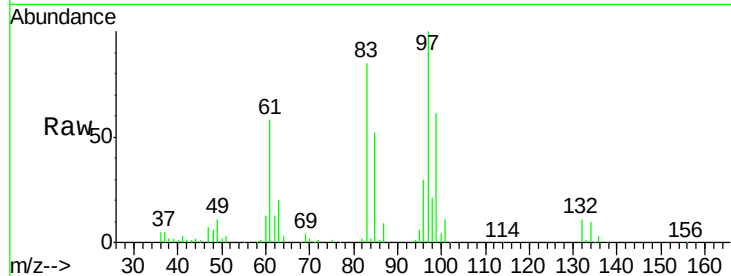
#55
 1,1,2-Trichloroethane
 Concen: 20.01 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

Tot Ion:	97	Resp:	36009
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	51.6	41.6	62.4
99	61.3	49.3	73.9

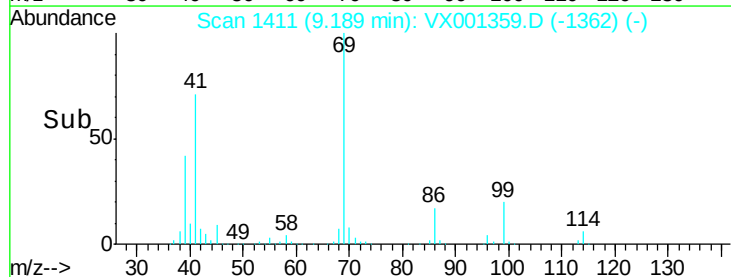
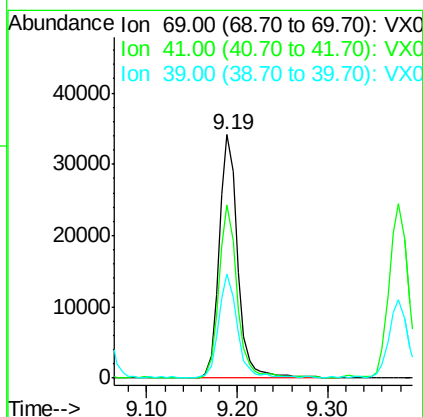
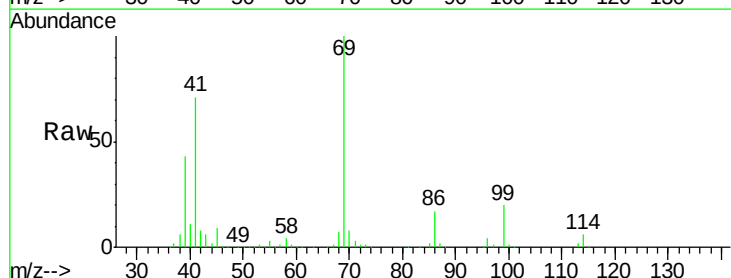
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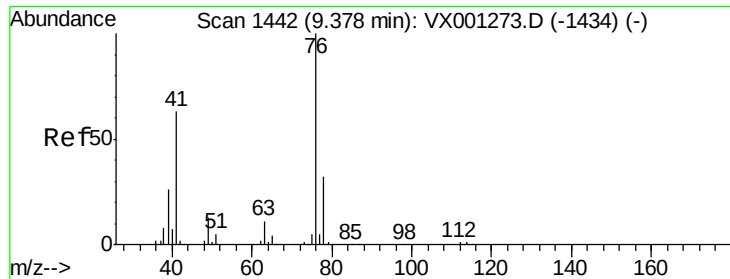
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#56
 Ethyl methacrylate
 Concen: 19.57 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion:	69	Resp:	48796
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.2	85.8
39	42.9	34.3	51.5





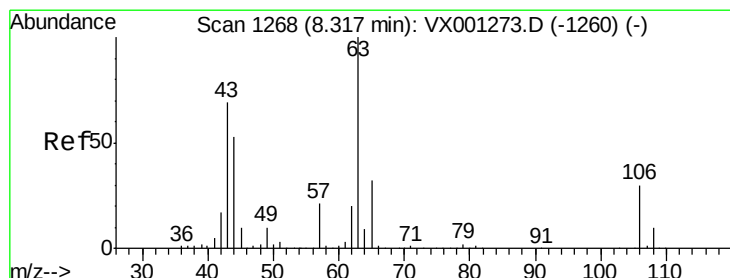
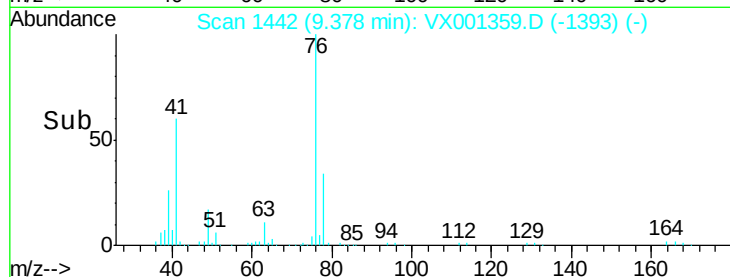
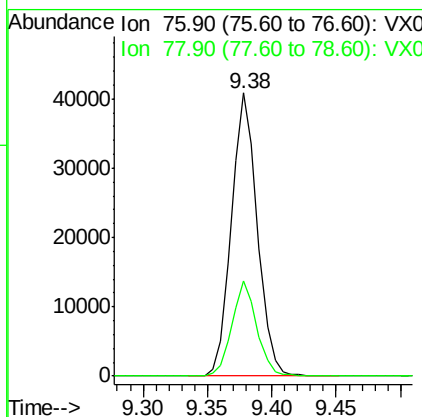
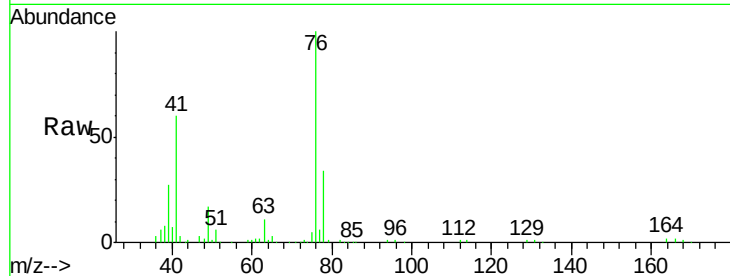
#57
 1,3-Dichloropropane
 Concen: 19.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

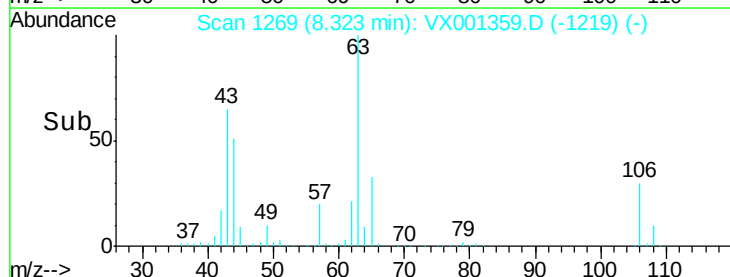
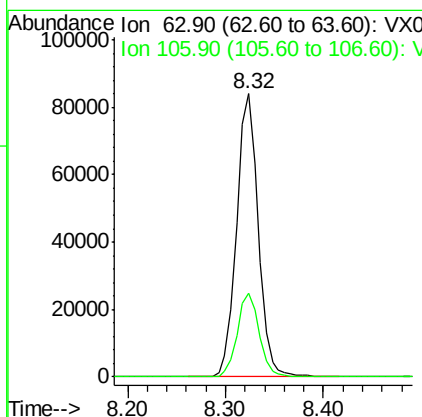
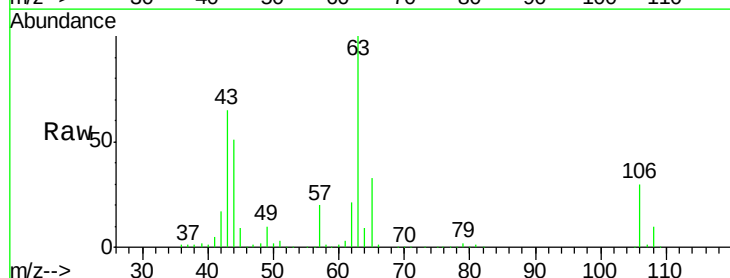
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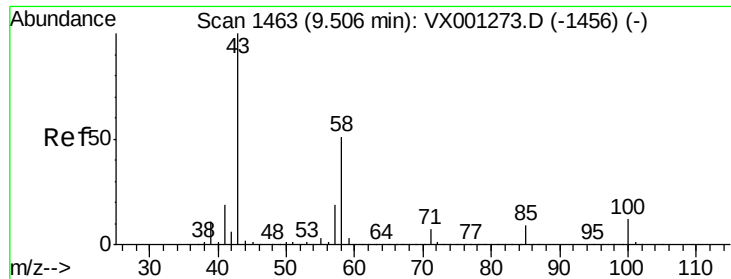
MMDadoda
 5/5/2018 11:28:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.53 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.8	35.6





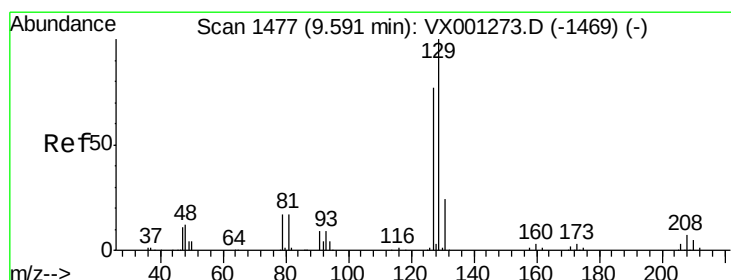
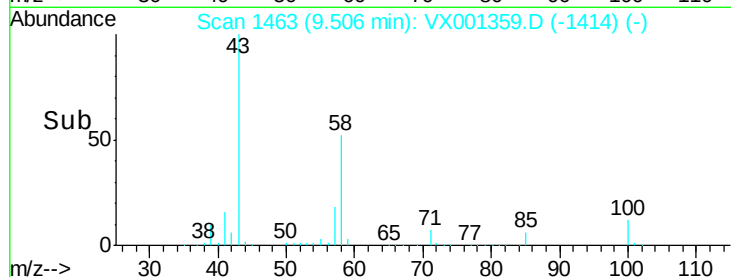
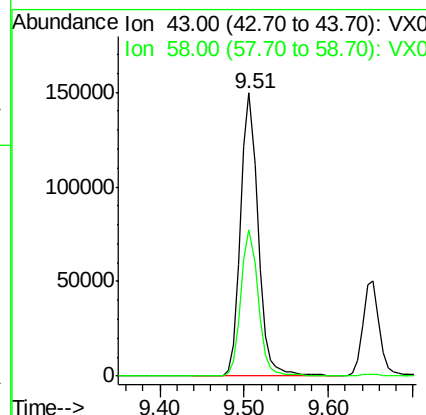
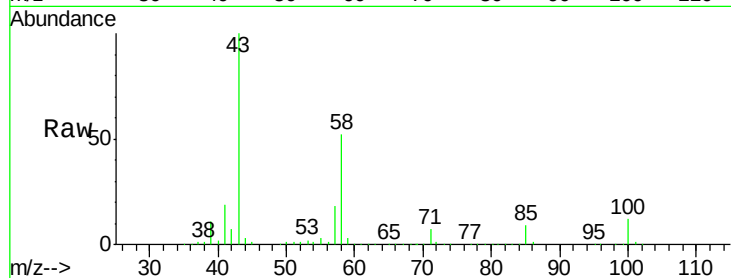
#59
2-Hexanone
Concen: 106.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion: 43 Resp: 207386
Ion Ratio Lower Upper
43 100
58 51.6 25.7 77.0

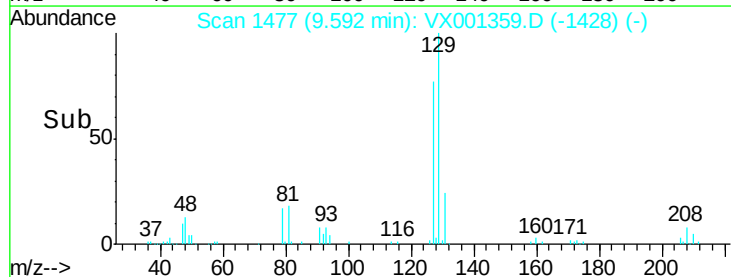
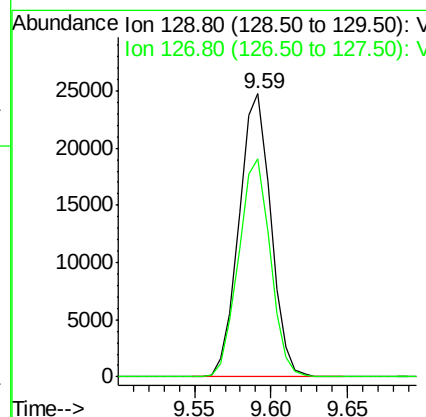
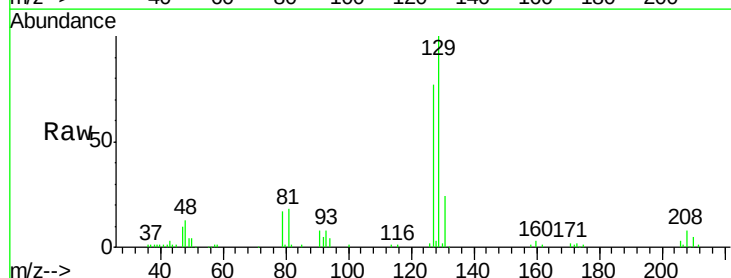
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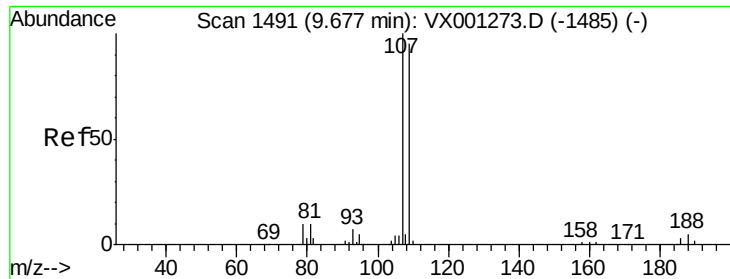
MMDadoda
5/5/2018 11:28:30 PM



#60
Dibromochloromethane
Concen: 19.05 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion: 129 Resp: 35743
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBS01

Tot Ion:107 Resp: 37949

Ion Ratio Lower Upper

107 100

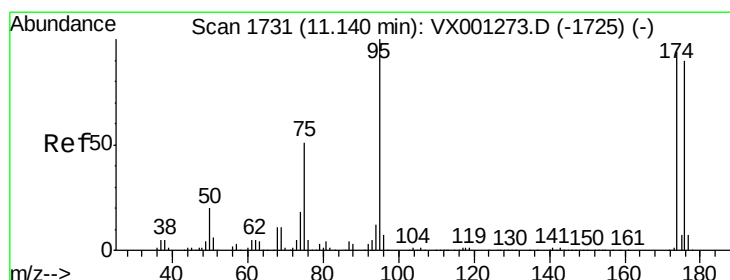
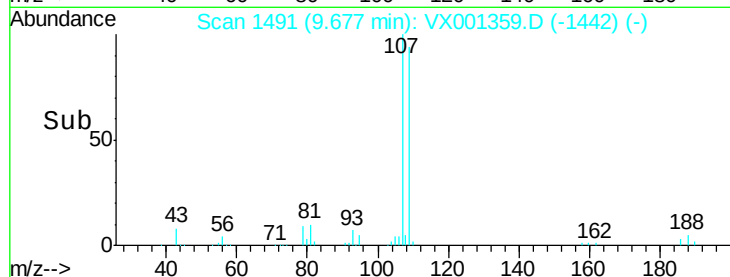
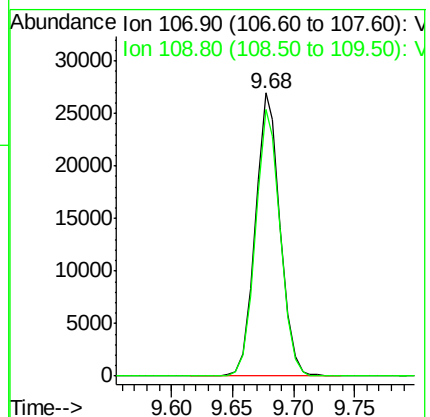
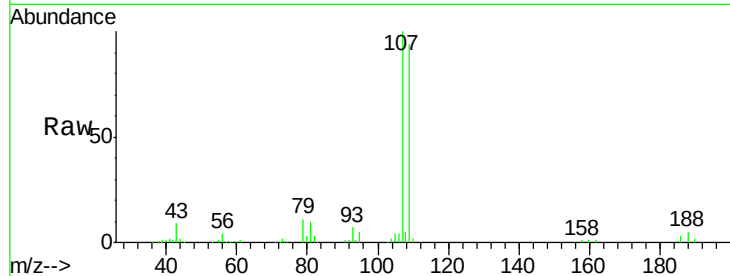
109 94.3 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 44.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

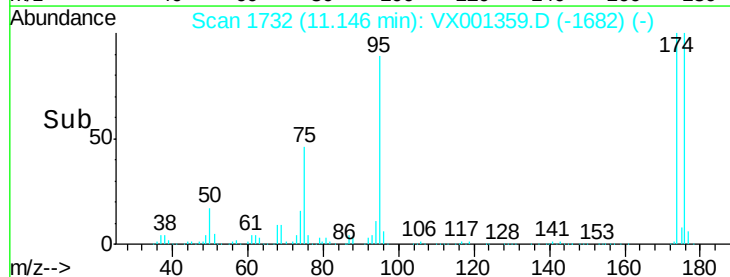
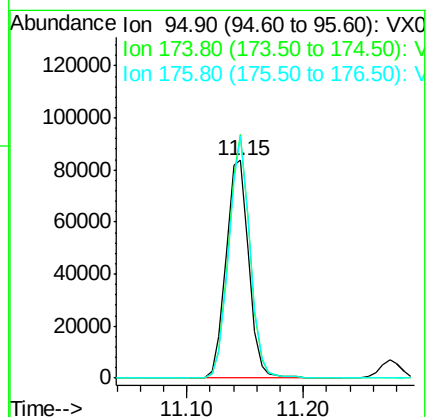
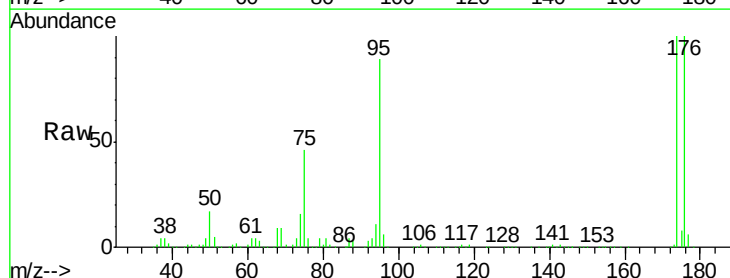
Tgt Ion: 95 Resp: 112570

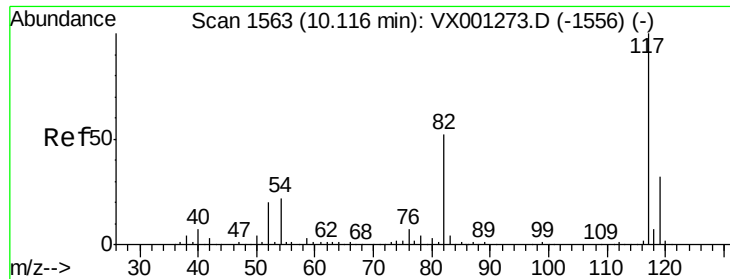
Ion Ratio Lower Upper

95 100

174 105.1 0.0 201.8

176 103.9 0.0 197.2





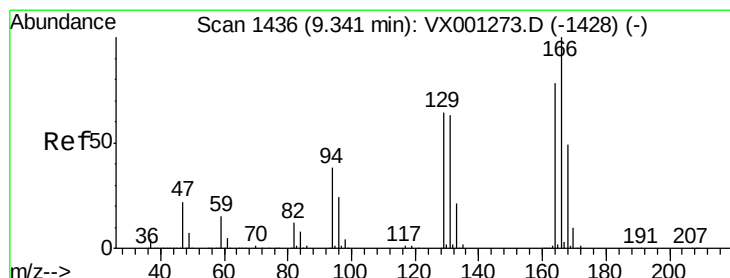
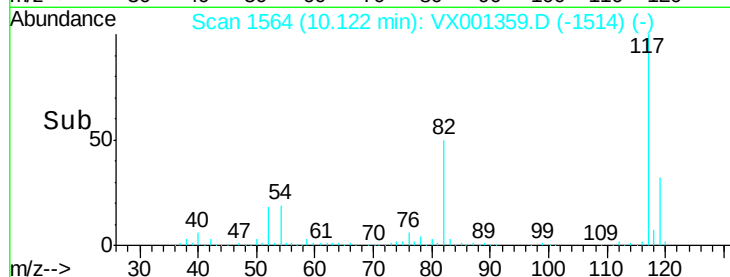
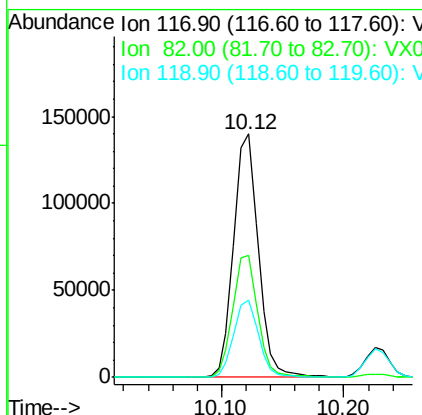
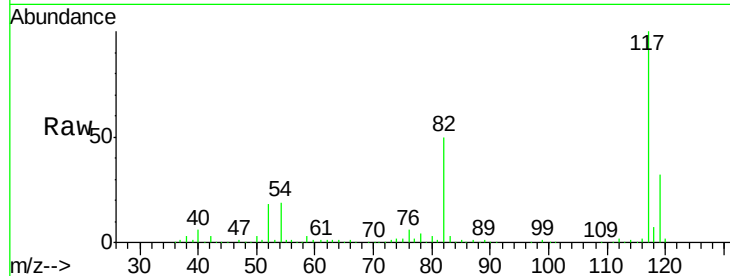
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	195821		
82	49.9	41.4	62.0	
119	31.9	25.5	38.3	

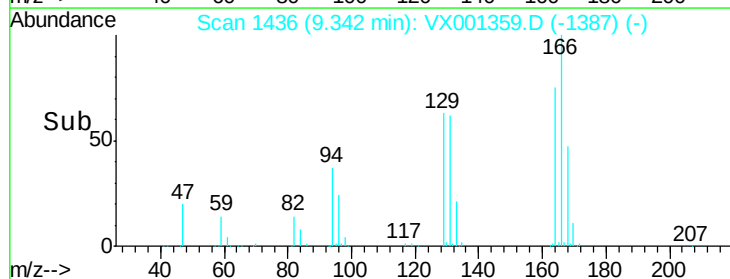
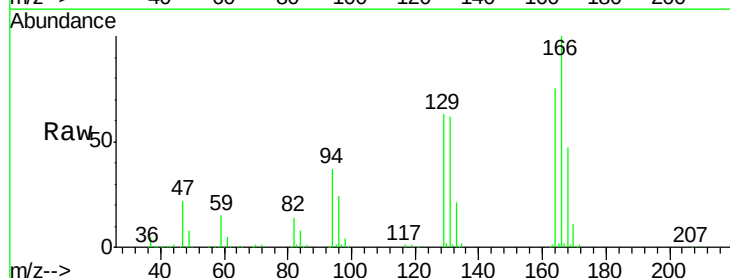
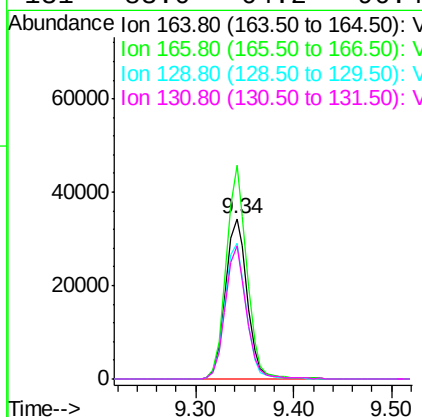
Manual Integrations
APPROVED

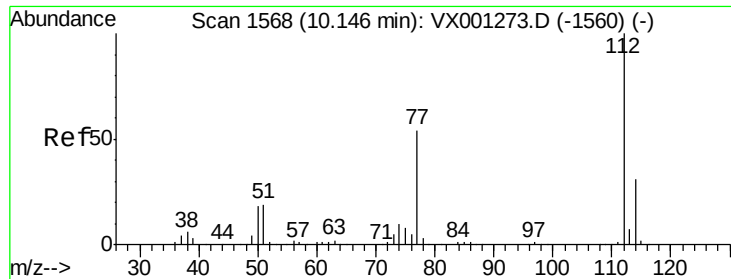
MMDadoda
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#64
Tetrachloroethene
Concen: 22.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53278		
166	133.4	102.3	153.5	
129	84.5	65.1	97.7	
131	83.0	64.2	96.4	





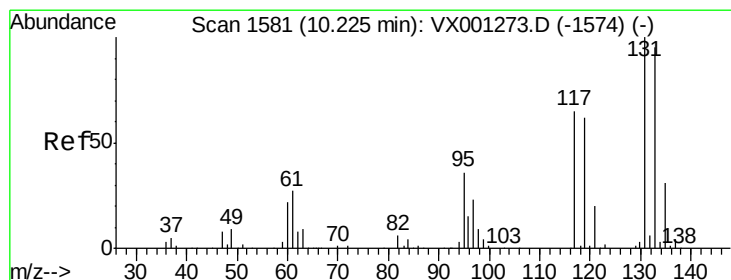
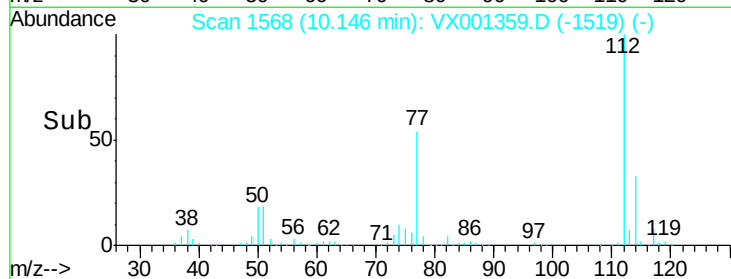
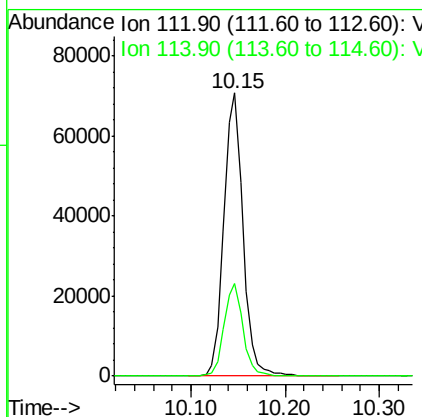
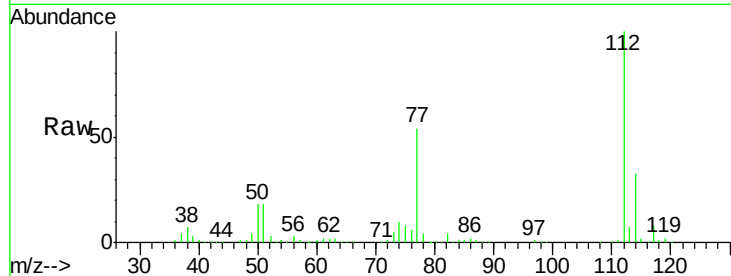
#65
Chlorobenzene
Concen: 18.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:112 Resp: 99735
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2

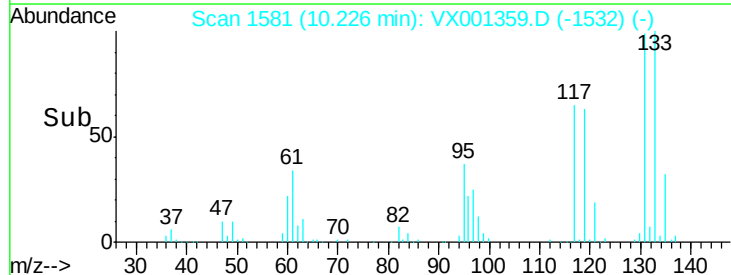
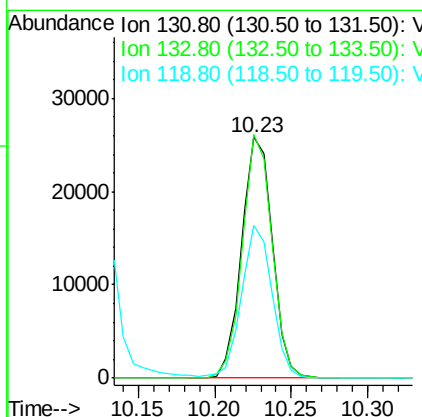
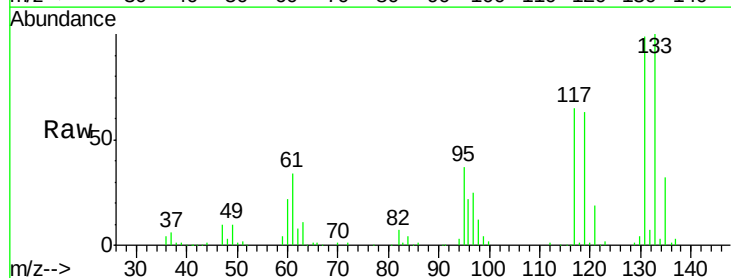
Manual Integrations
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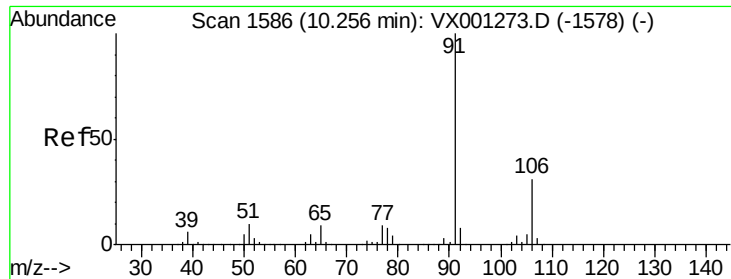
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.51 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:131 Resp: 36059
Ion Ratio Lower Upper
131 100
133 97.3 48.3 144.9
119 63.1 31.2 93.6





#67

Ethyl Benzene

Concen: 18.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion: 91 Resp: 158009

Ion Ratio Lower Upper

91 100

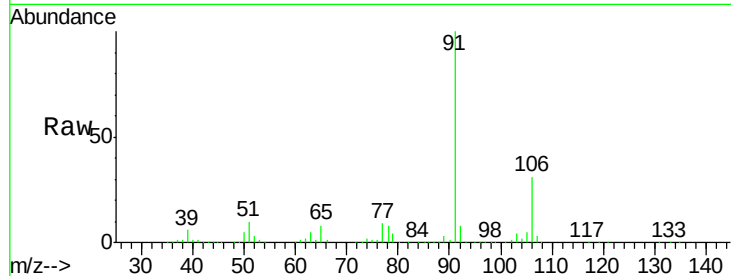
106 31.2 24.9 37.3

Manual Integrations

APPROVED

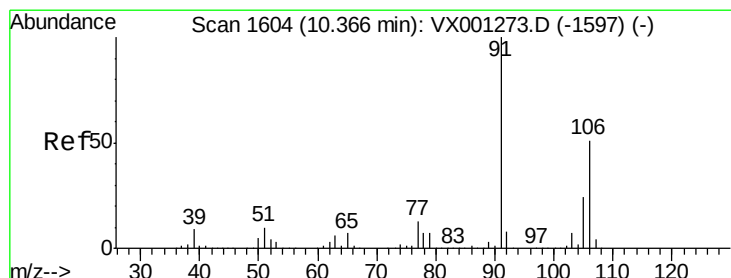
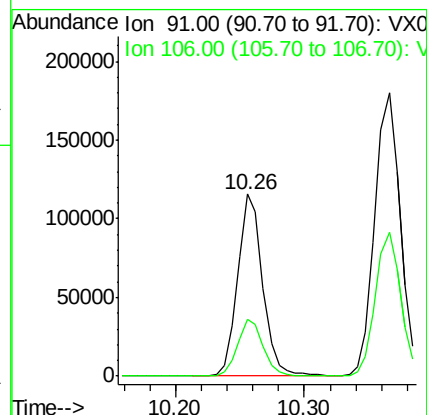
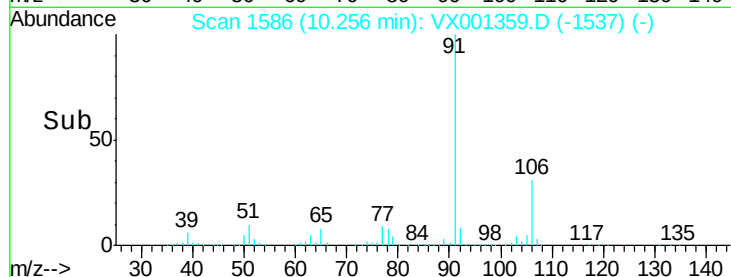
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX001273.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX001273.D (-1578) (-)



#68

m/p-Xylenes

Concen: 36.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001359.D

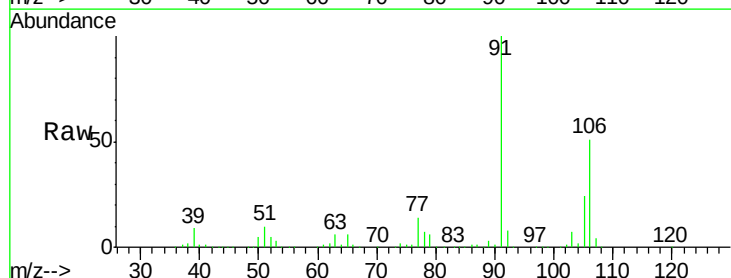
Acq: 03 May 2018 15:13

Tgt Ion: 106 Resp: 126564

Ion Ratio Lower Upper

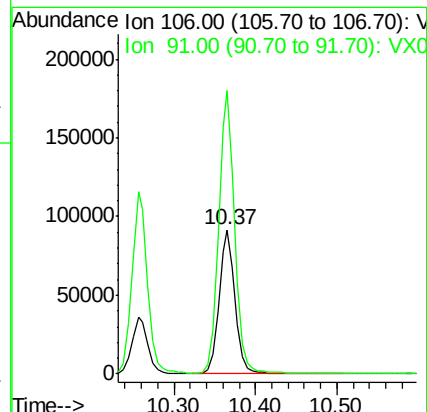
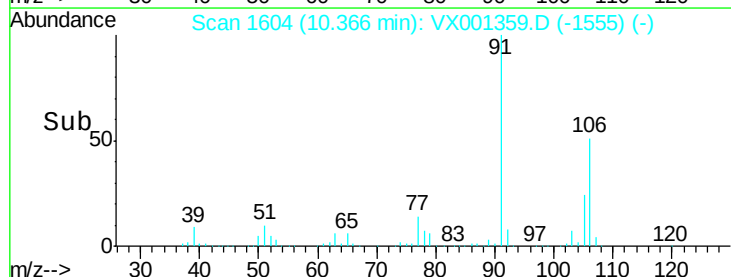
106 100

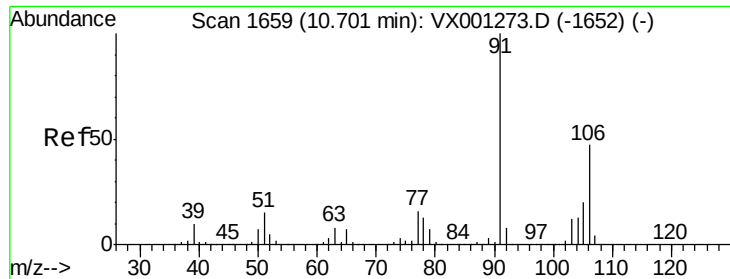
91 198.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VX001273.D (-1597) (-)

Ion 91.00 (90.70 to 91.70): VX001273.D (-1597) (-)





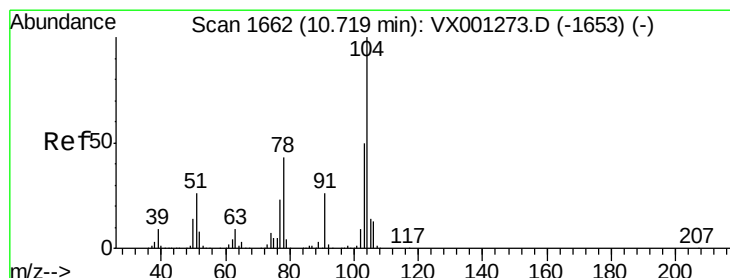
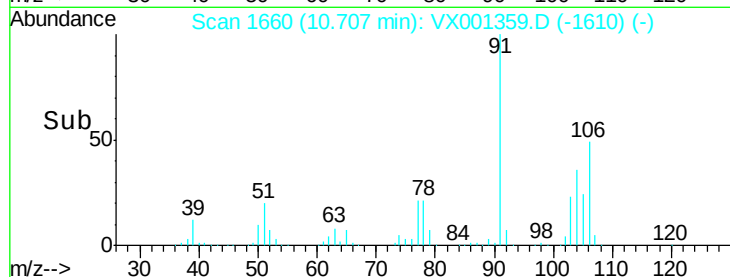
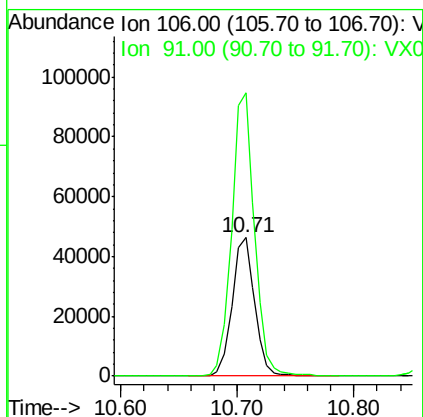
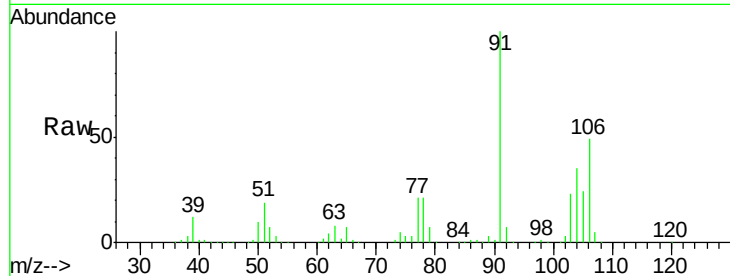
#69
o-Xylene
Concen: 18.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion:106 Resp: 62425
Ion Ratio Lower Upper
106 100
91 206.6 106.3 319.0

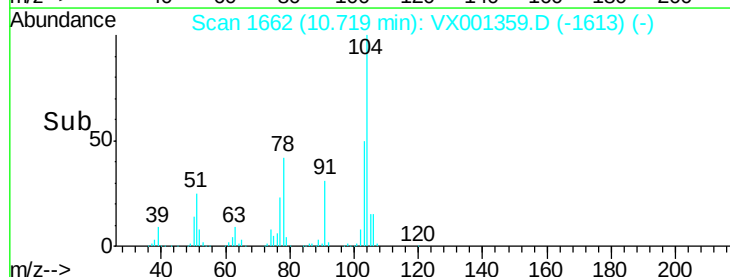
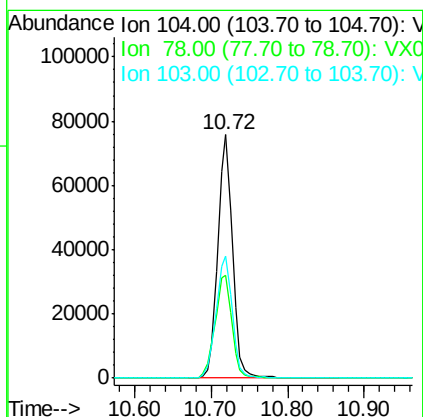
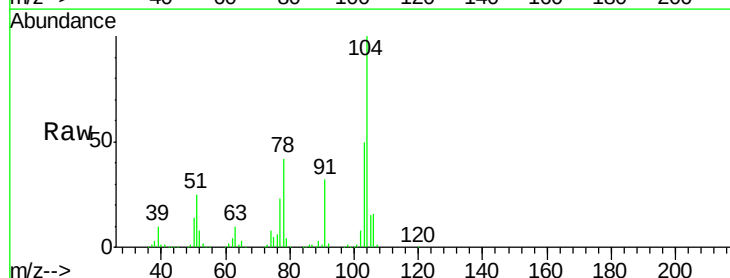
Manual Integrations
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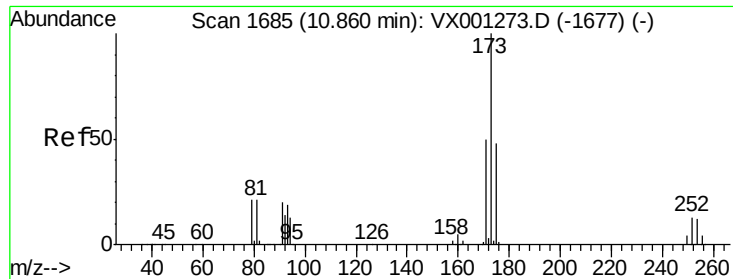
MMDadoda
5/5/2018 11:28:30 PM



#70
Styrene
Concen: 18.48 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion:104 Resp: 101235
Ion Ratio Lower Upper
104 100
78 48.5 40.1 60.1
103 55.5 44.5 66.7





#71

Bromoform

Concen: 18.32 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion:173 Resp: 27899

Ion Ratio Lower Upper

173 100

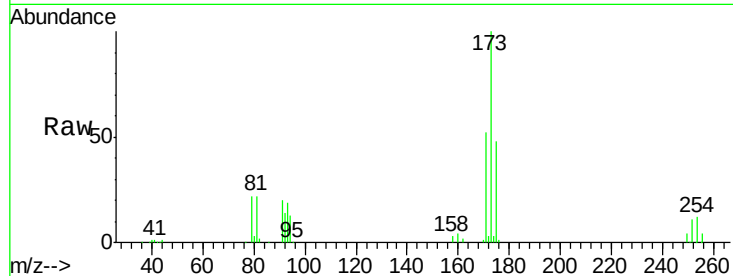
175 49.8 24.6 74.0

254 0.1 0.2 0.2#

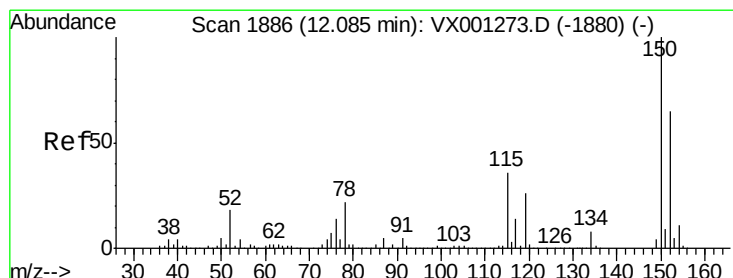
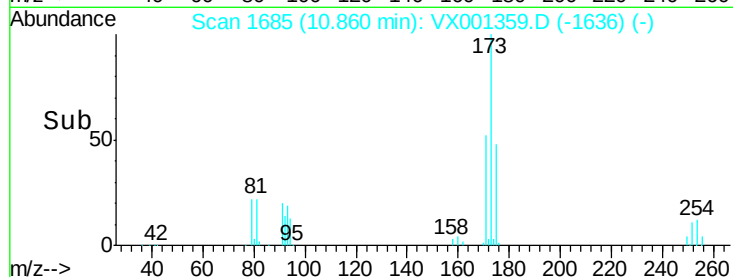
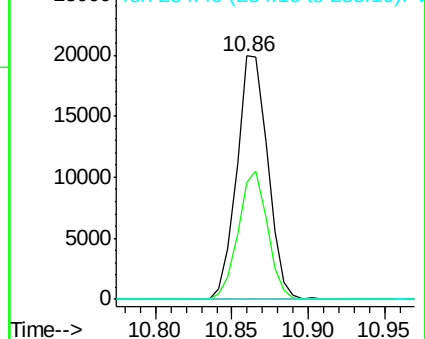
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

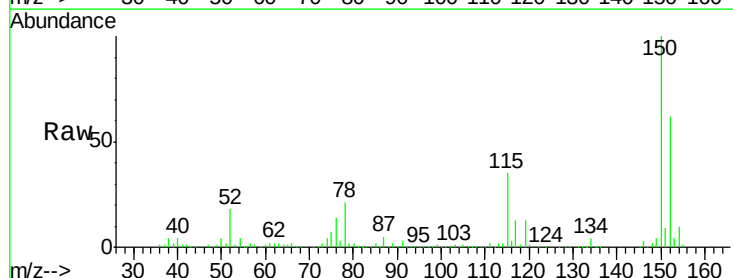
Tgt Ion:152 Resp: 127641

Ion Ratio Lower Upper

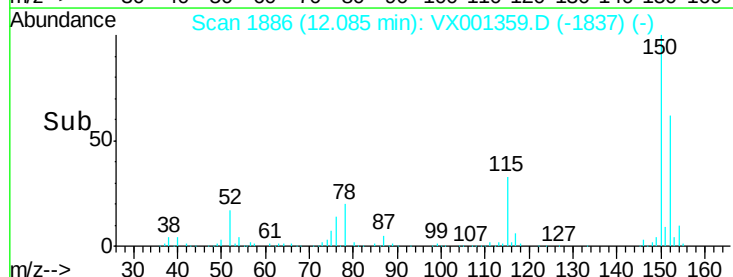
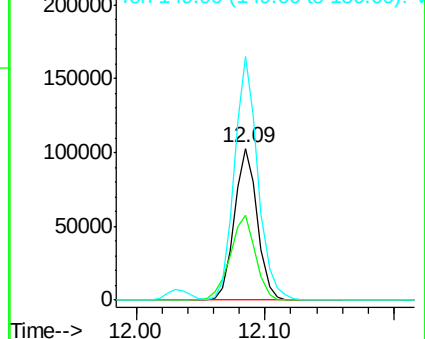
152 100

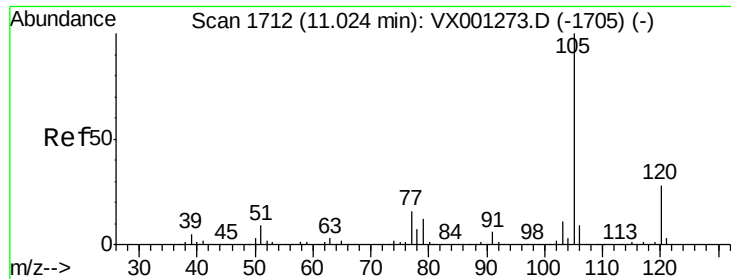
115 62.0 38.6 115.7

150 163.9 0.0 349.2



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





#73

Isopropylbenzene

Concen: 19.52 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion: 105 Resp: 166715

Ion Ratio Lower Upper

105 100

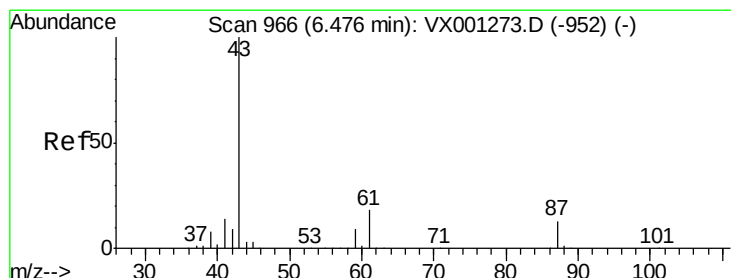
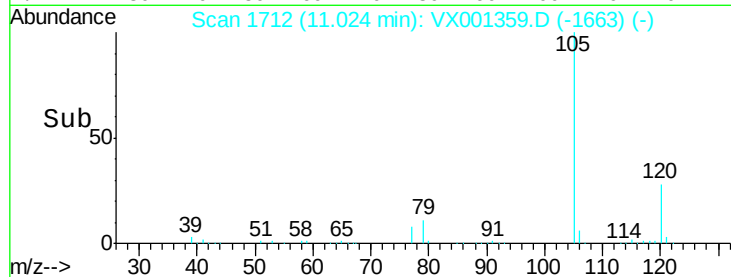
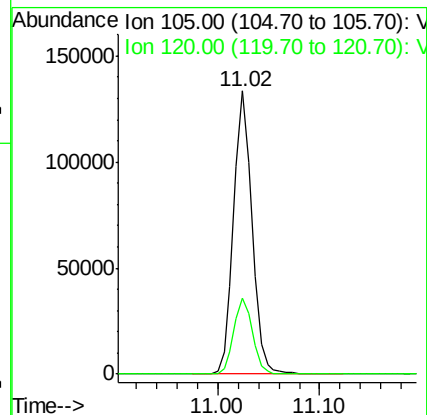
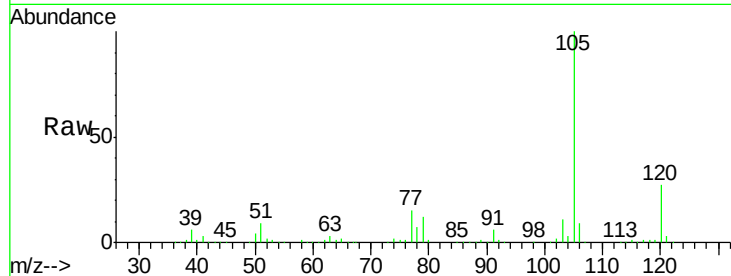
120 27.1 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.88 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion: 43 Resp: 76495

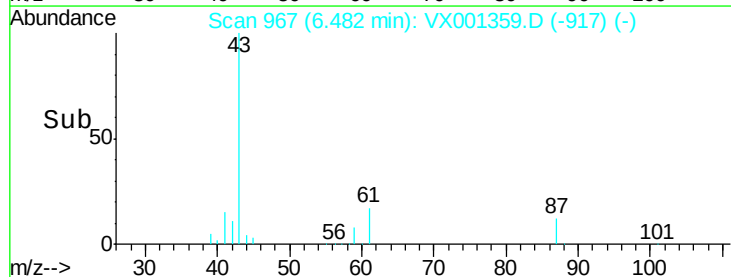
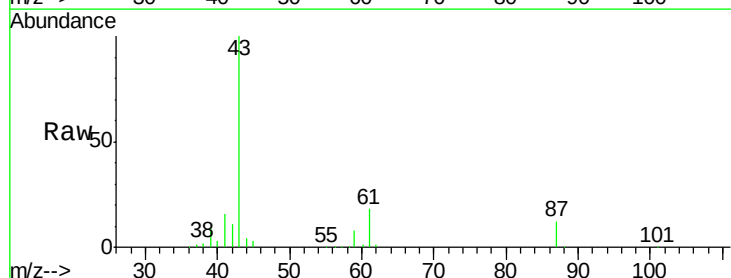
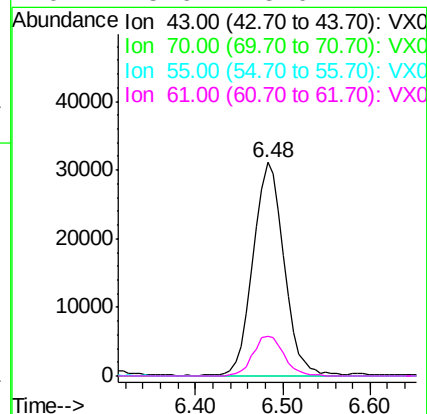
Ion Ratio Lower Upper

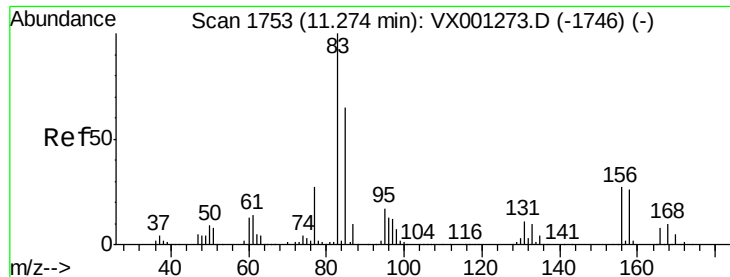
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.6 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.83 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

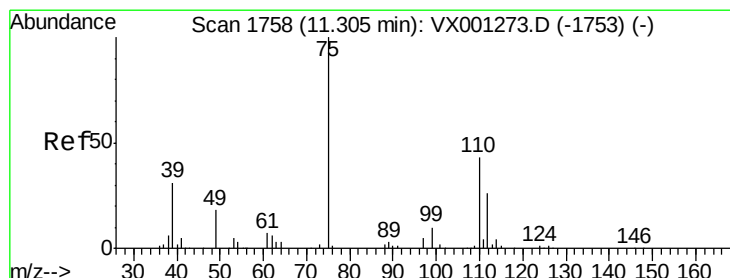
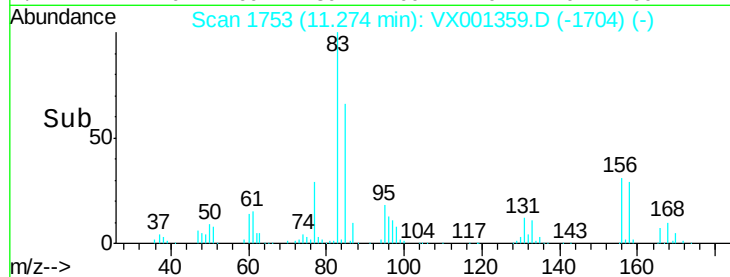
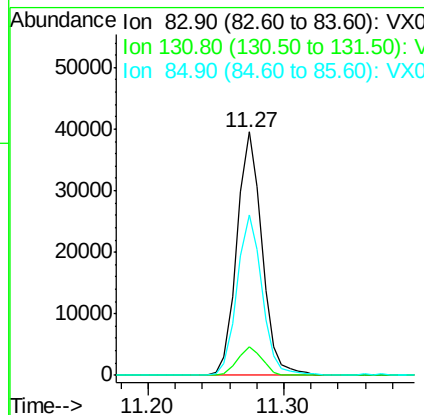
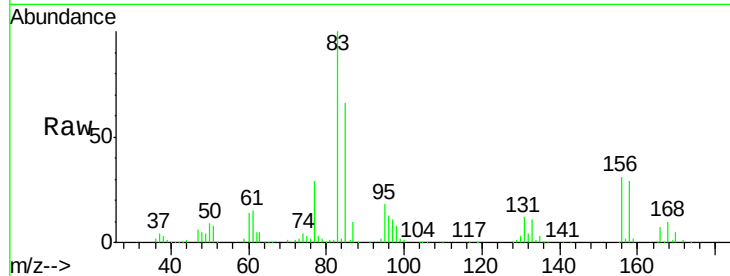
ClientSampled :

VX0503WBS01

Tot Ion:	83	Resp:	50734
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.3
85	65.8	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.08 ug/l m

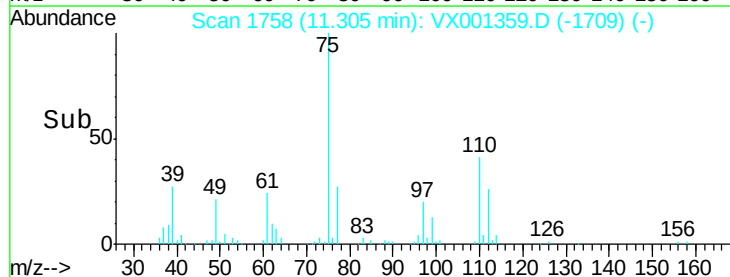
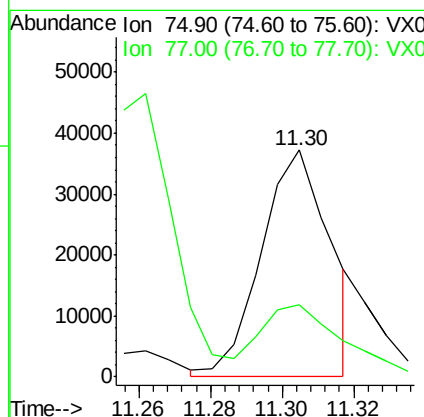
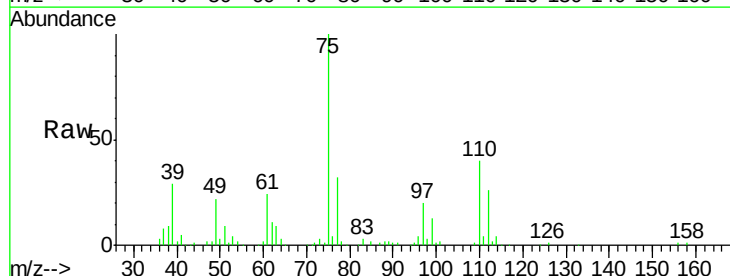
RT: 11.30 min Scan# 1758

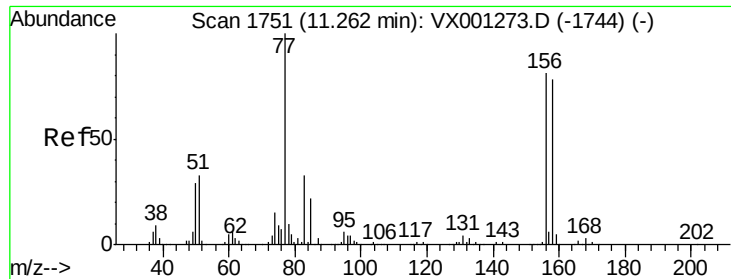
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	75	Resp:	49761
Ion Ratio	Lower	Upper	
75	100		
77	38.7	18.9	56.5





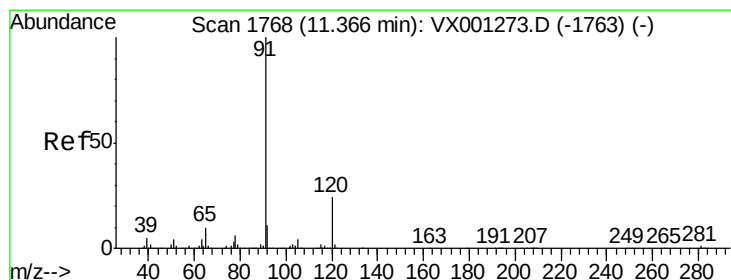
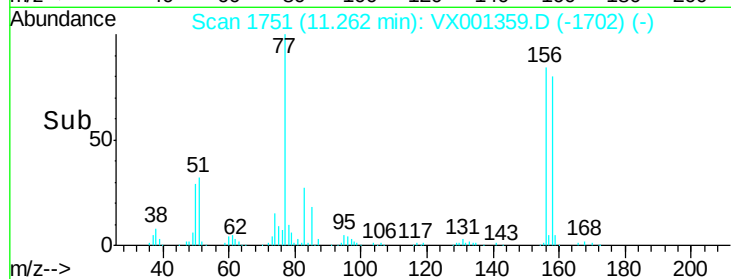
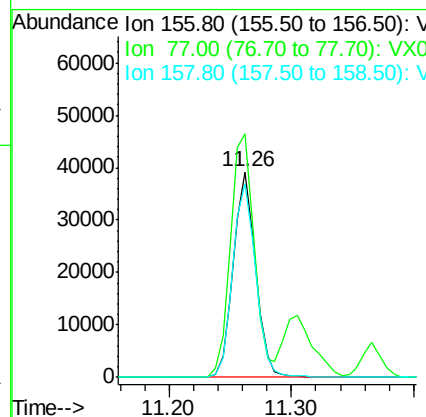
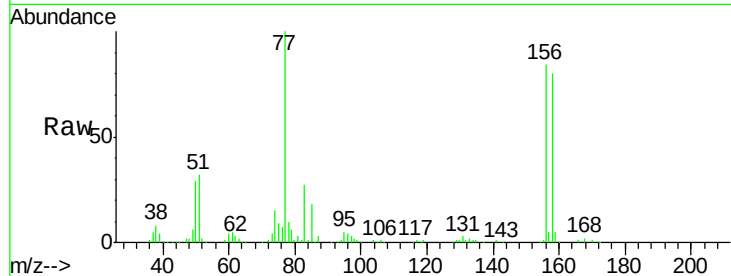
#77
Bromobenzene
Concen: 19.93 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	127.0	65.3	195.8
158	97.7	48.5	145.5

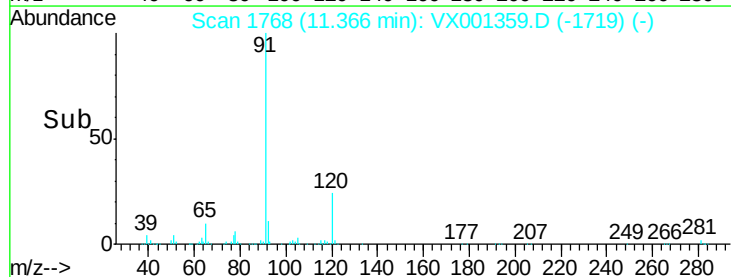
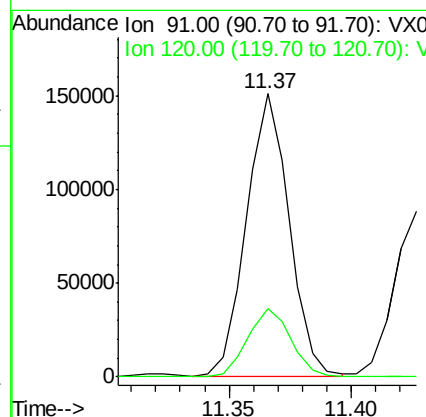
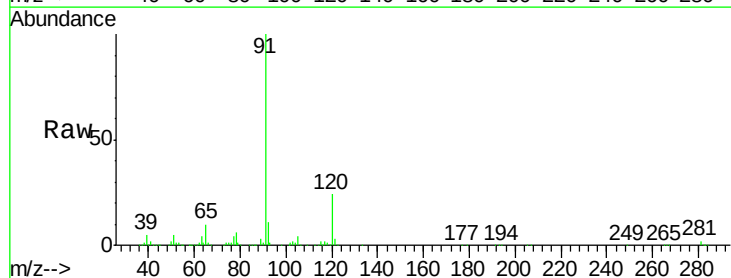
Manual Integrations
APPROVED

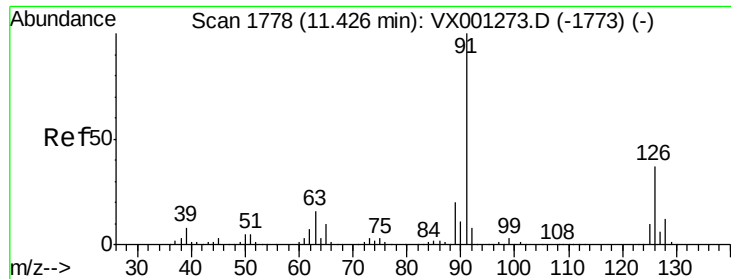
MMDadoda
5/5/2018 11:28:30 PM



#78
n-propylbenzene
Concen: 19.13 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion: 91 Resp: 110427

Ion Ratio Lower Upper

91 100

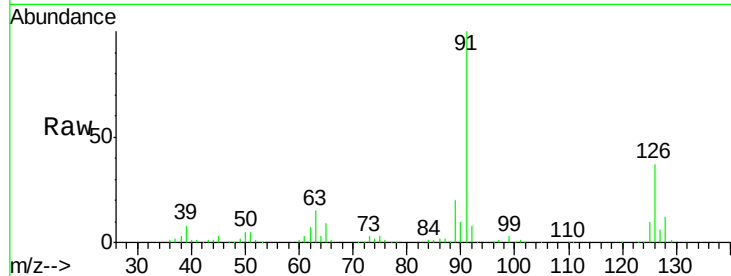
126 37.6 18.4 55.4

Manual Integrations

APPROVED

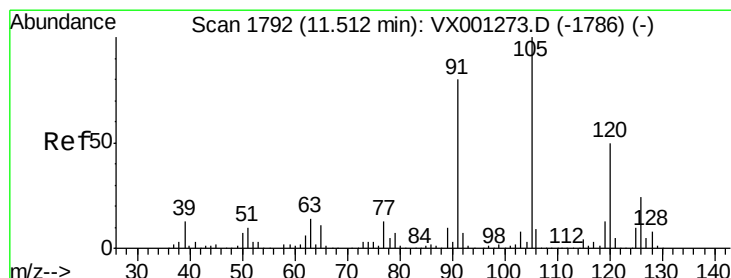
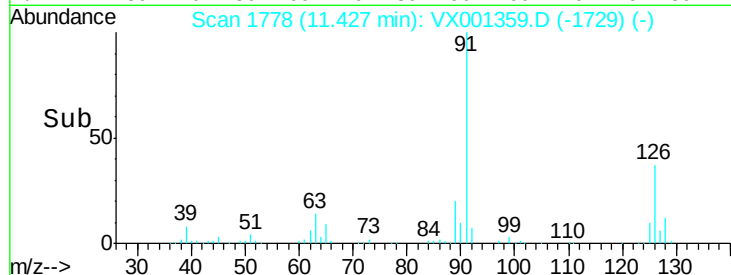
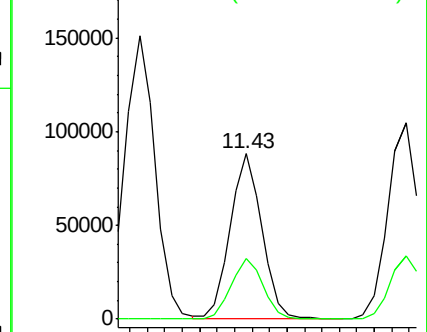
MMDadoda

5/5/2018 11:28:30 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001359.D

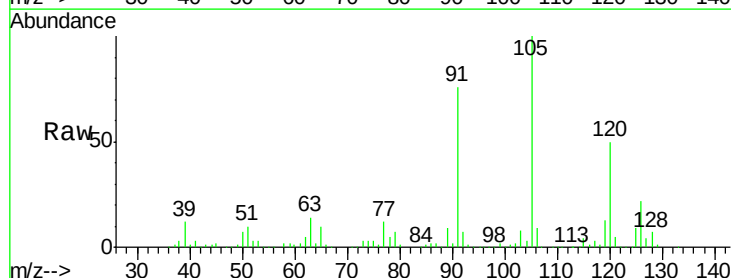
Acq: 03 May 2018 15:13

Tgt Ion:105 Resp: 140098

Ion Ratio Lower Upper

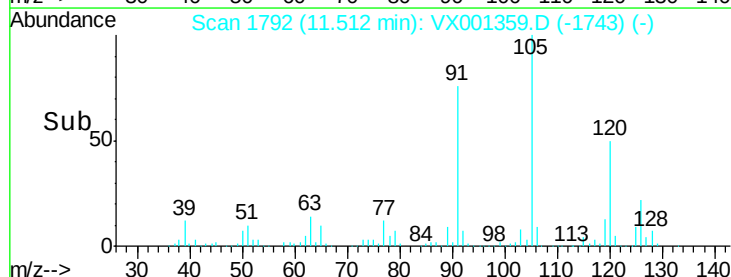
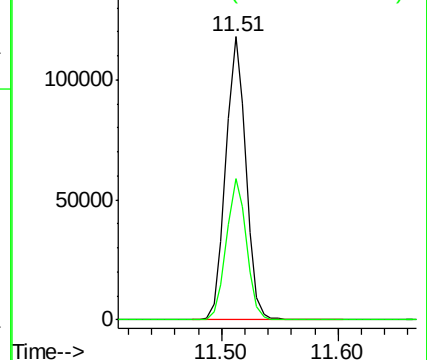
105 100

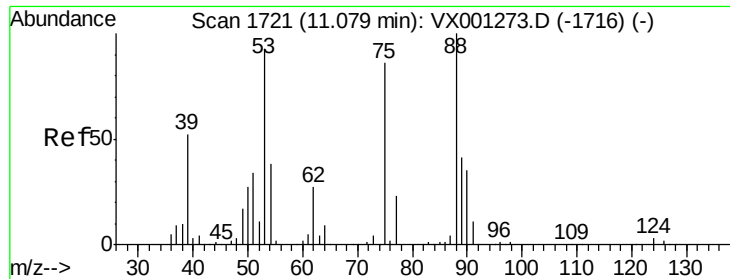
120 50.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





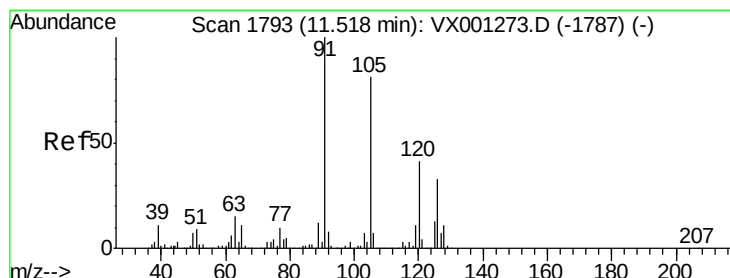
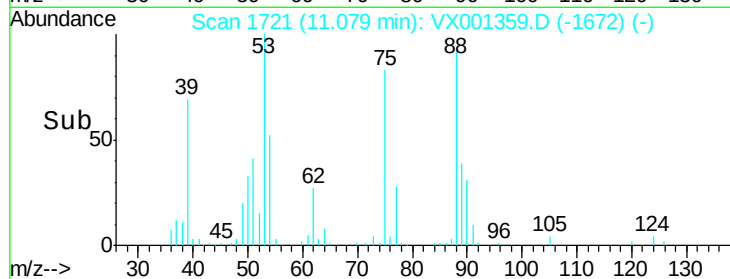
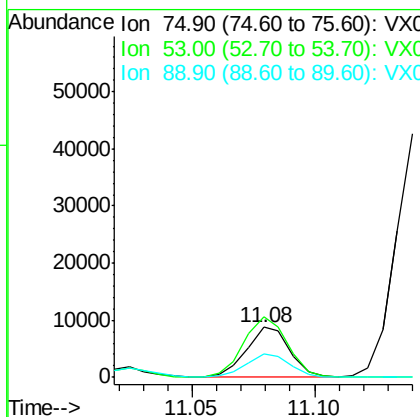
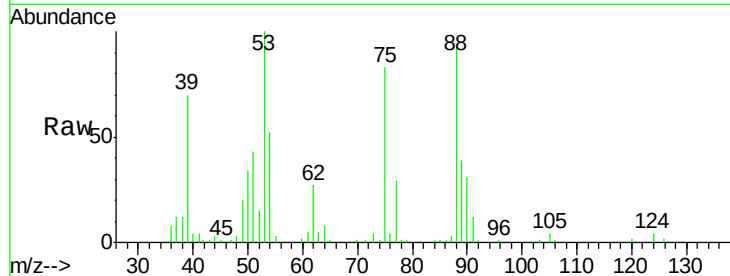
#81
trans-1,4-Dichloro-2-butene
Concen: 17.77 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.9	87.1	130.7
89	48.0	38.9	58.3

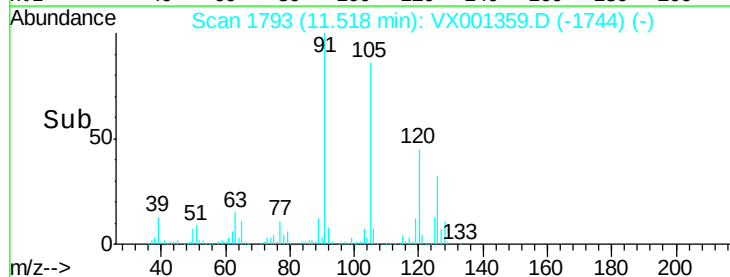
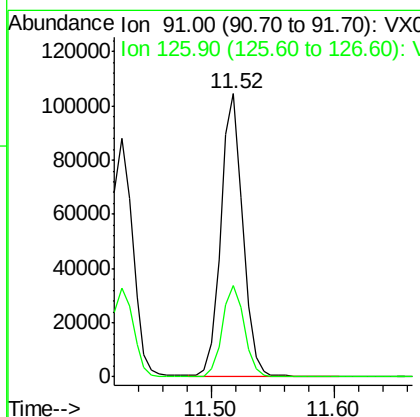
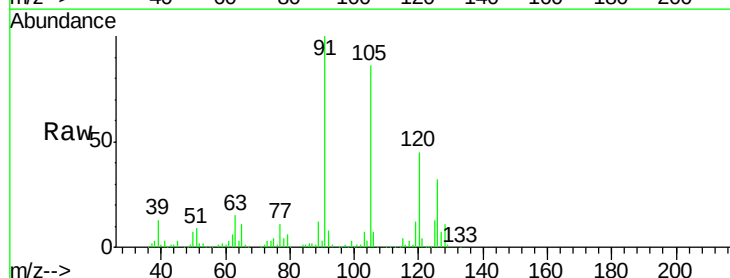
Manual Integrations
APPROVED

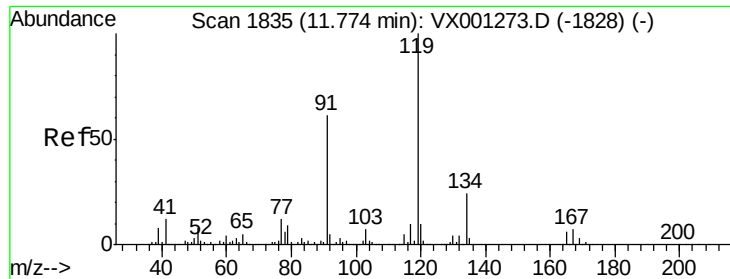
MMDadoda
5/5/2018 11:28:30 PM



#82
4-Chlorotoluene
Concen: 18.97 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.1	48.2





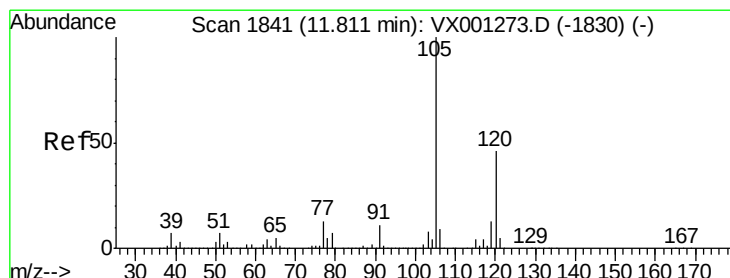
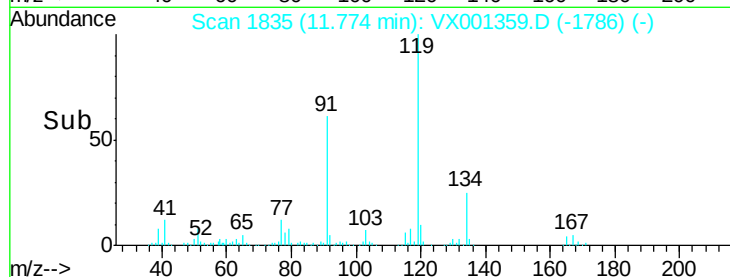
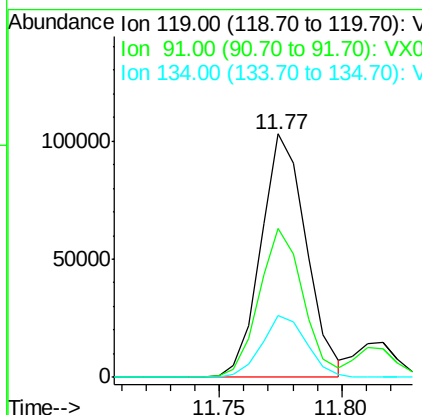
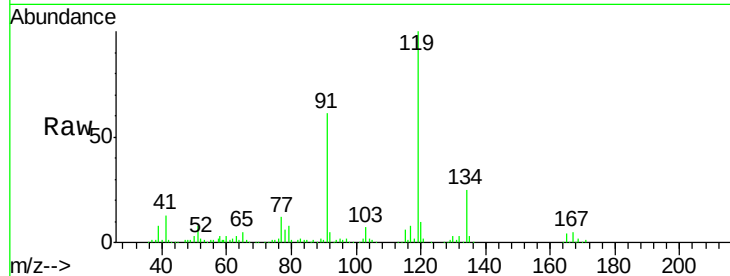
#83
 tert-Butylbenzene
 Concen: 18.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132274		
91	59.7		28.1	84.3
134	25.2		11.8	35.3

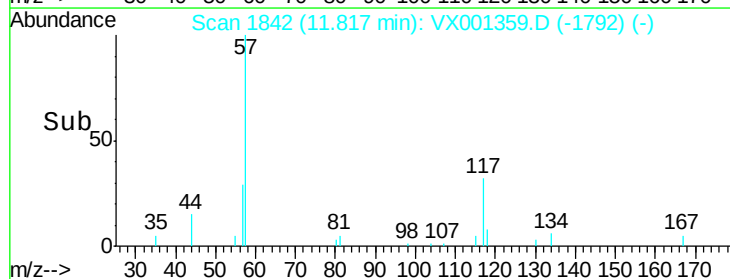
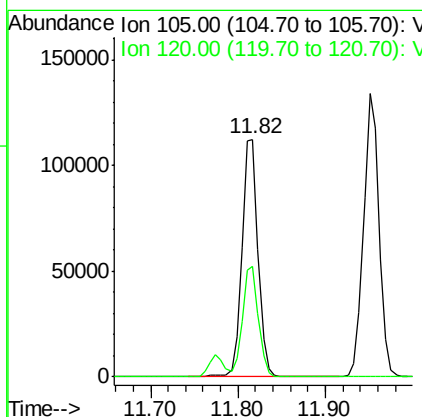
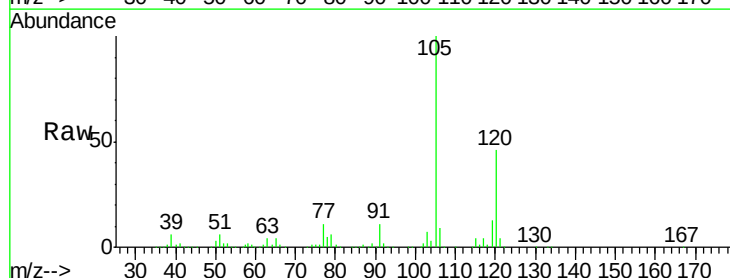
Manual Integrations
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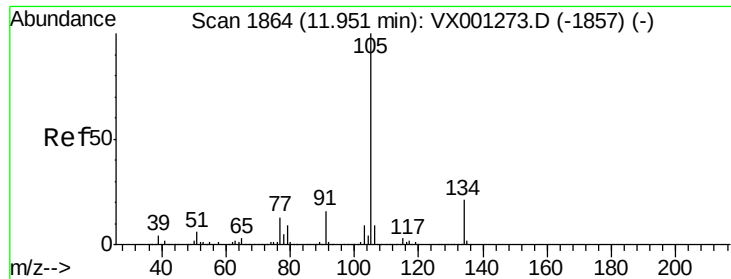
MMDadoda
 5/5/2018 11:28:30 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.70 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	144749		
120	45.6		22.7	68.1





#85

sec-Butylbenzene

Concen: 19.35 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

VX0503WBS01

Tot Ion:105 Resp: 165573

Ion Ratio Lower Upper

105 100

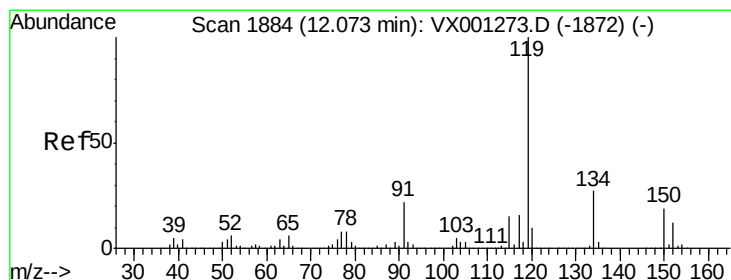
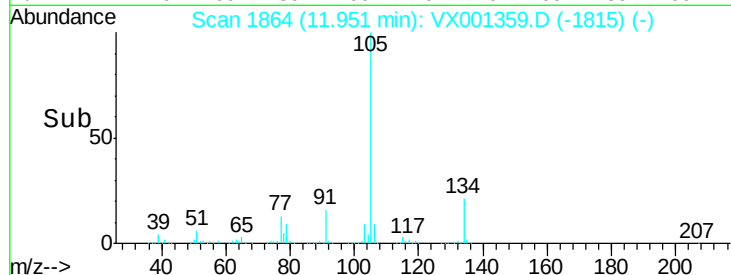
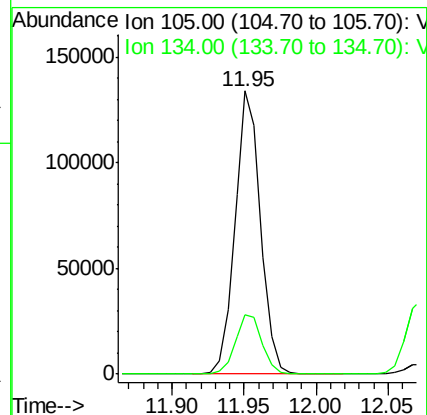
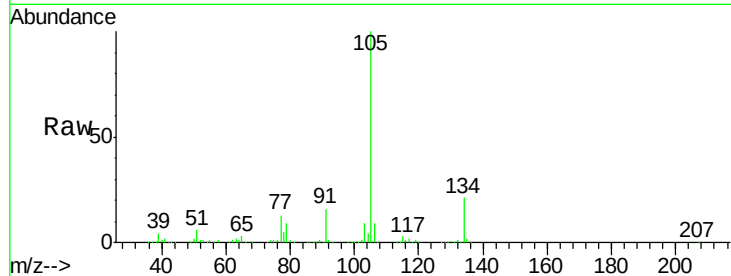
134 21.8 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.35 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

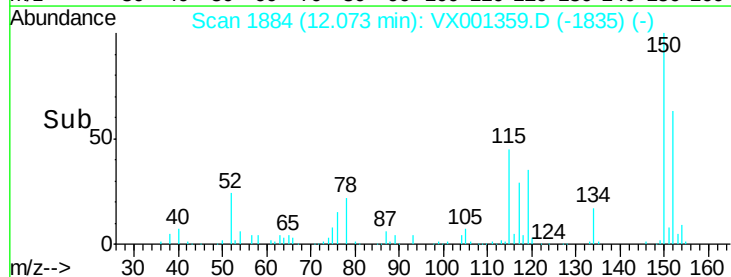
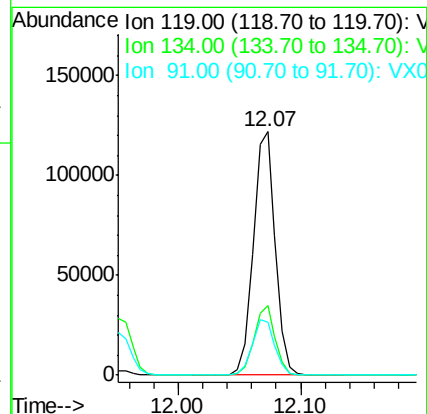
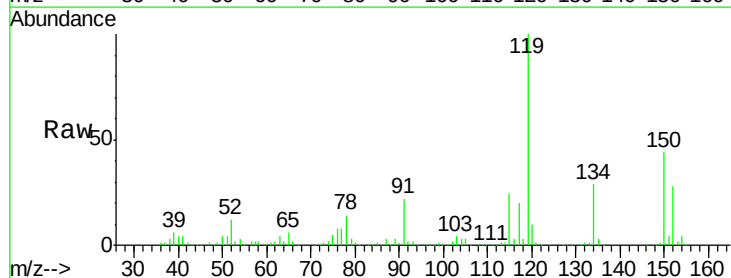
Tgt Ion:119 Resp: 151874

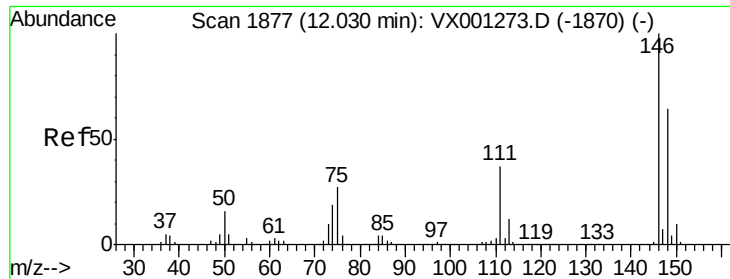
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 23.4 11.7 35.1





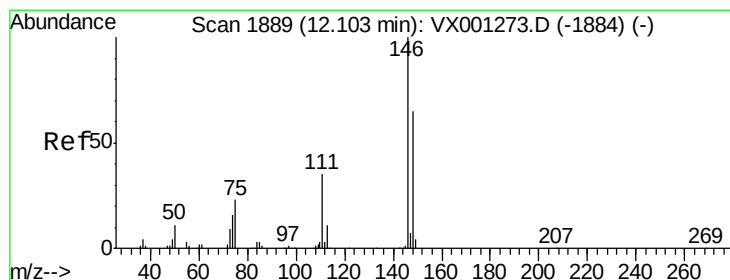
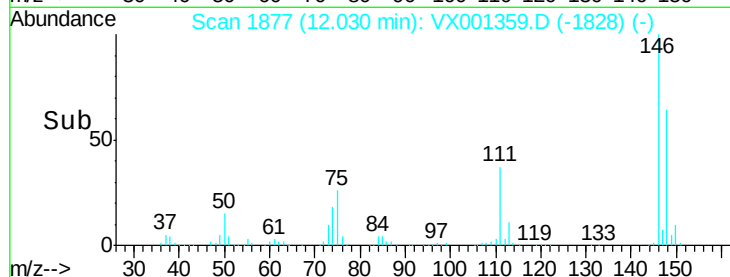
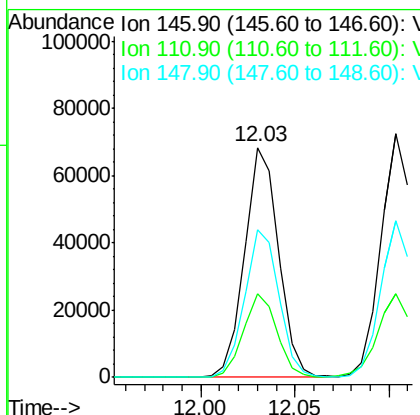
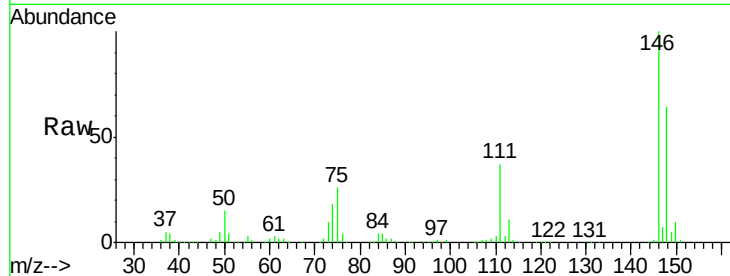
#87
 1,3-Dichlorobenzene
 Concen: 18.67 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.4	55.2
148	64.8	32.2	96.6

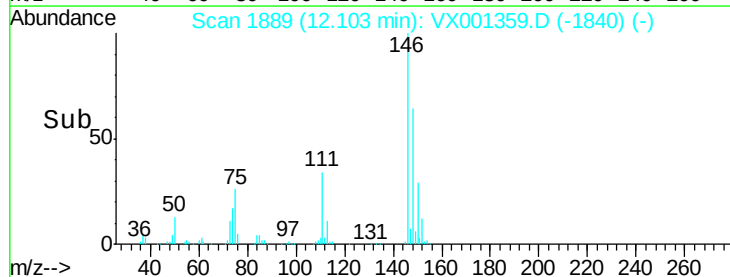
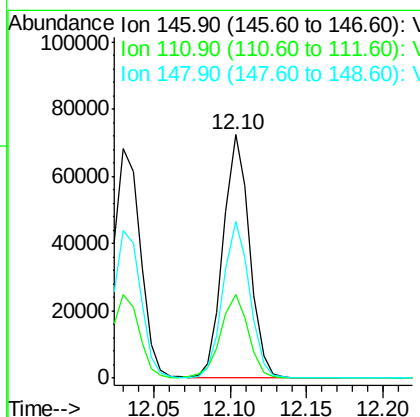
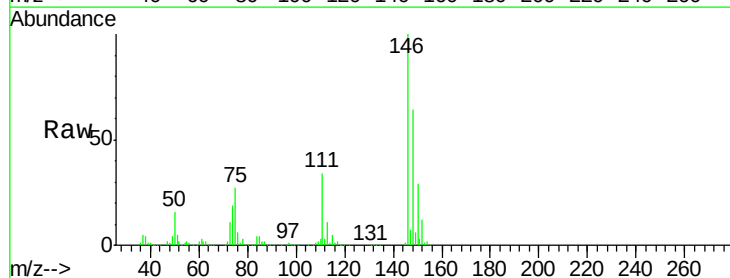
Manual Integrations
 APPROVED

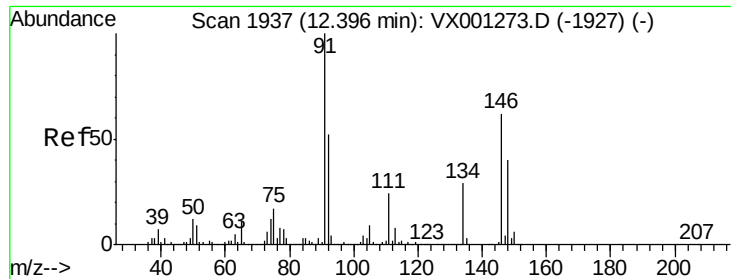
MMDadoda
 5/5/2018 11:28:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.9	53.7
148	65.4	32.3	96.8





#89

n-Butylbenzene

Concen: 17.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

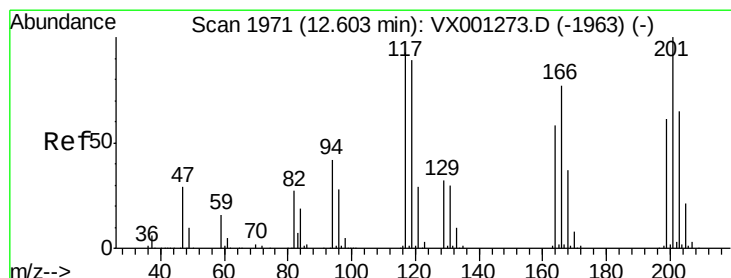
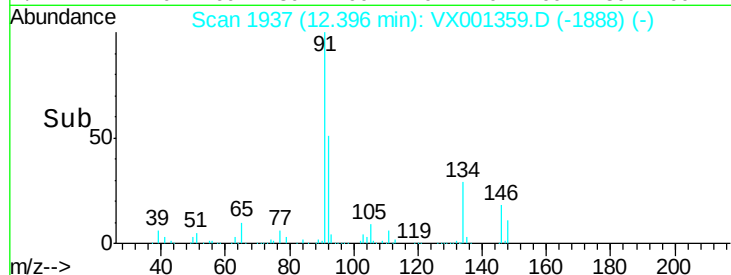
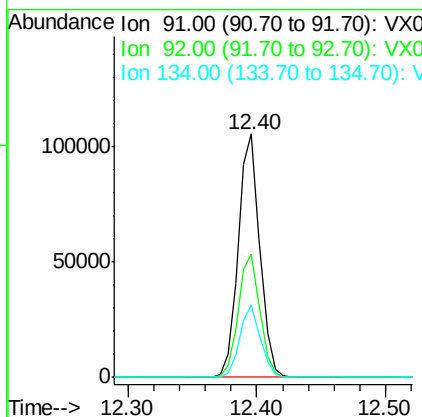
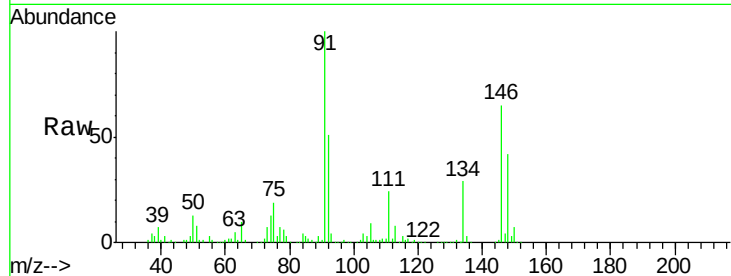
ClientSampled :

VX0503WBS01

Tot Ion:	91	Resp:	122903
Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.2	78.5
134	28.2	14.0	42.0

Manual Integrations
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#90

Hexachloroethane

Concen: 17.84 ug/l

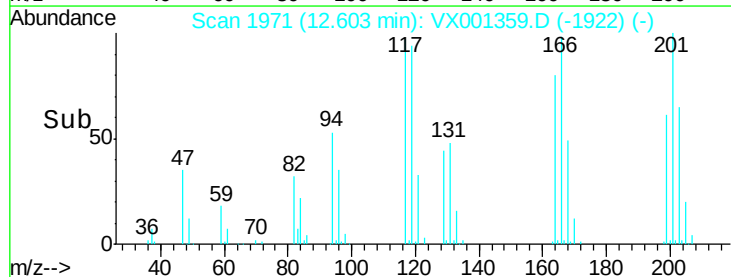
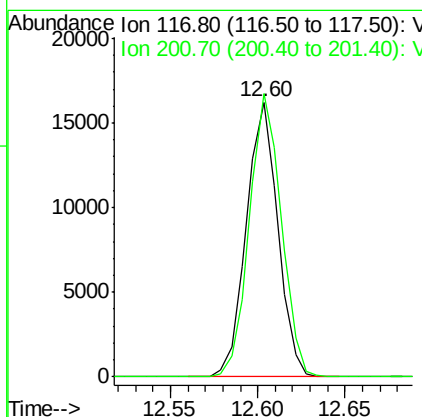
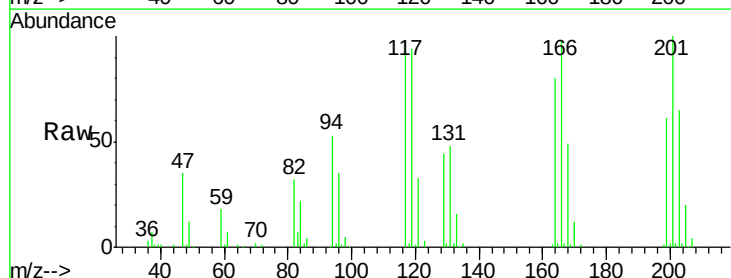
RT: 12.60 min Scan# 1971

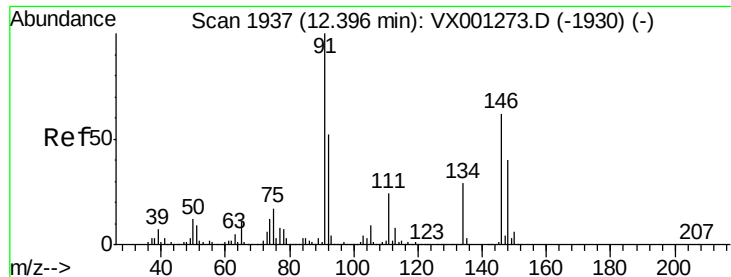
Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	117	Resp:	20275
Ion	Ratio	Lower	Upper
117	100		
201	104.5	51.6	154.8





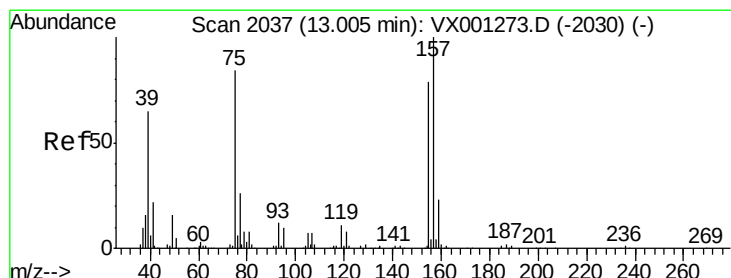
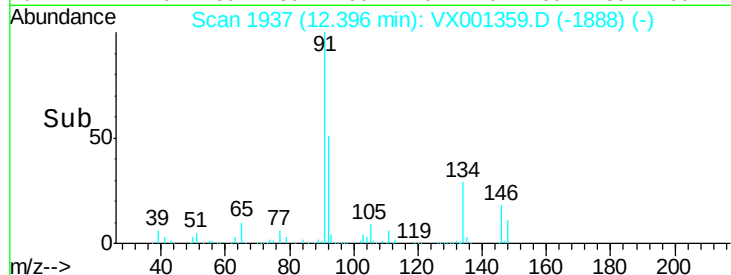
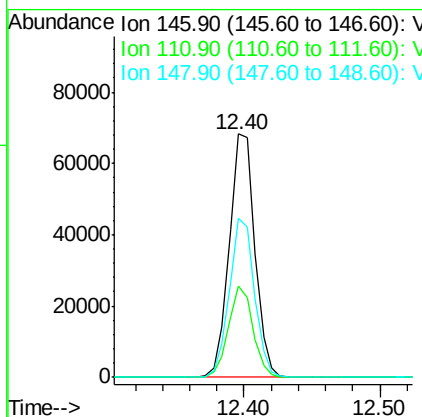
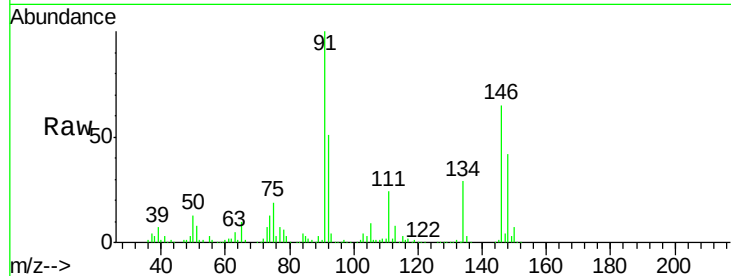
#91
1,2-Dichlorobenzene
Concen: 19.48 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.9	56.5
148	64.4	32.4	97.0

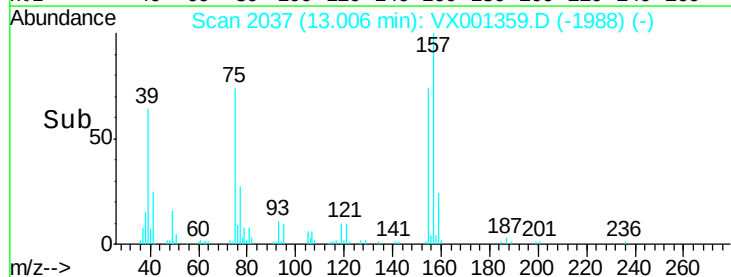
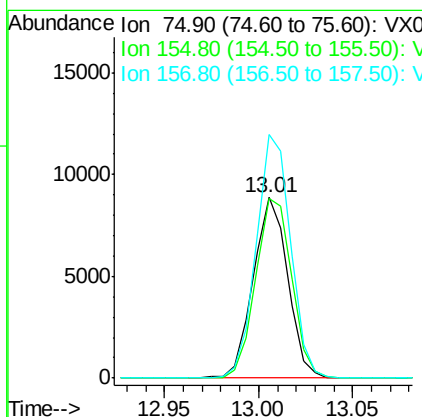
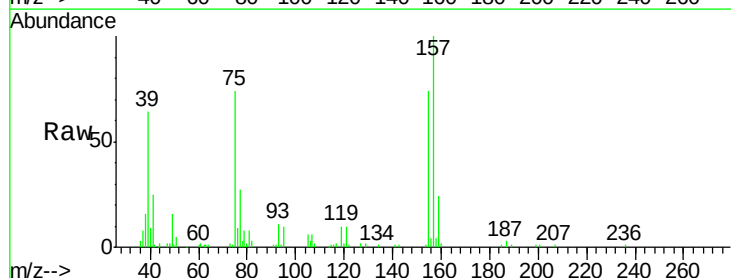
Manual Integrations
APPROVED

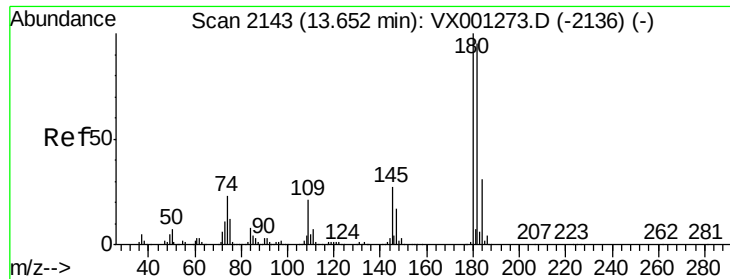
MMDadoda
5/5/2018 11:28:30 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.73 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX001359.D
Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.8	49.9	149.7
157	134.6	63.7	191.1





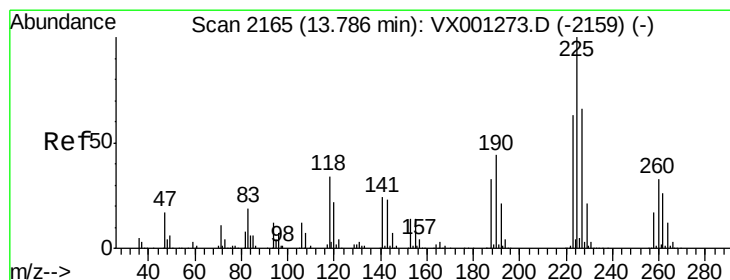
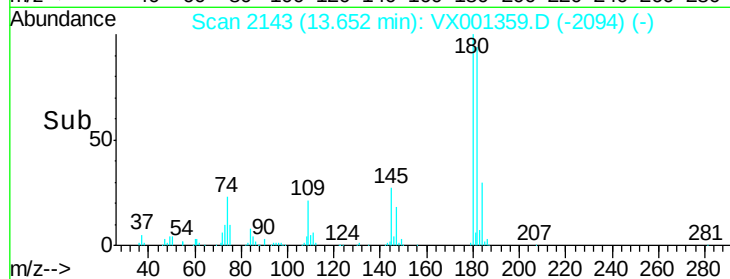
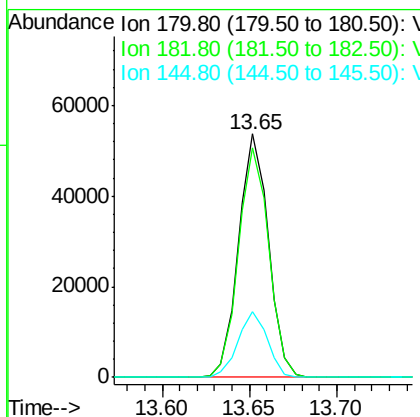
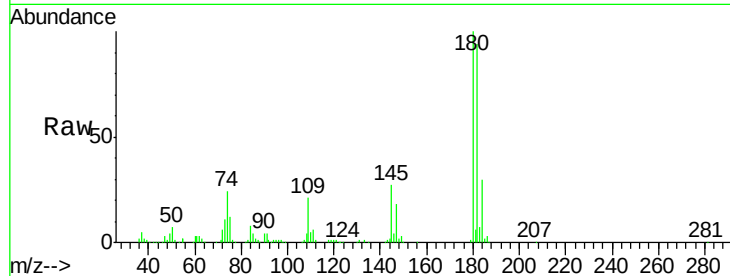
#93
 1,2,4-Trichlorobenzene
 Concen: 17.28 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0503WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	63611		
182	95.8	47.3	141.9	
145	26.7	13.5	40.4	

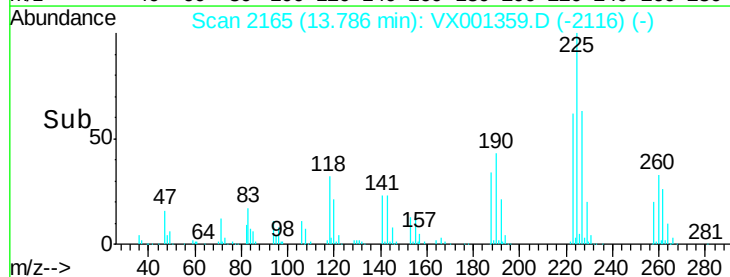
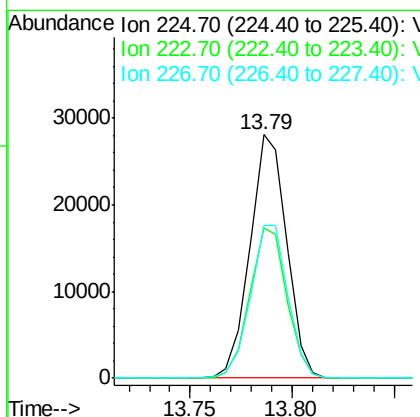
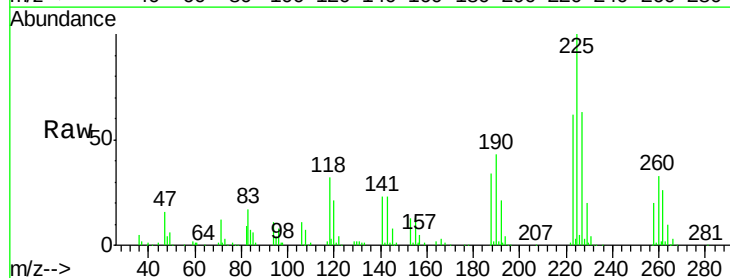
Manual Integrations
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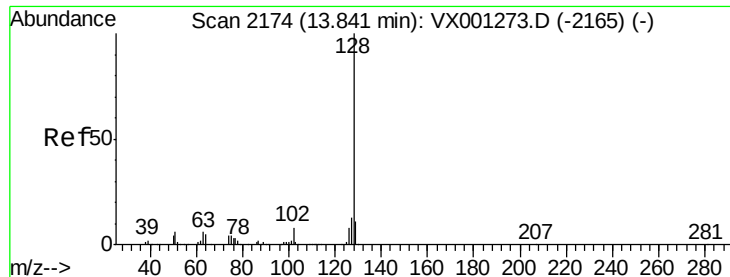
MMDadoda
 5/5/2018 11:28:30 PM



#94
 Hexachlorobutadiene
 Concen: 18.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001359.D
 Acq: 03 May 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35087		
223	62.6	31.4	94.0	
227	64.2	32.5	97.5	





#95

Naphthalene

Concen: 20.02 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Instrument :

MSVOA_X

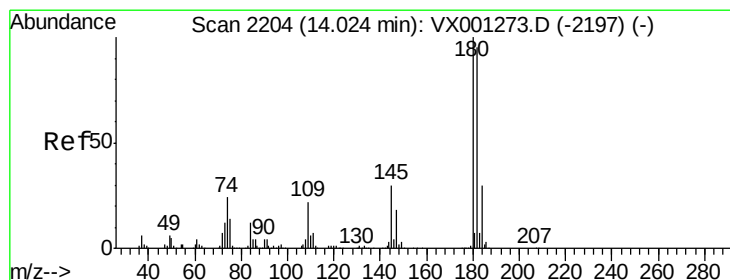
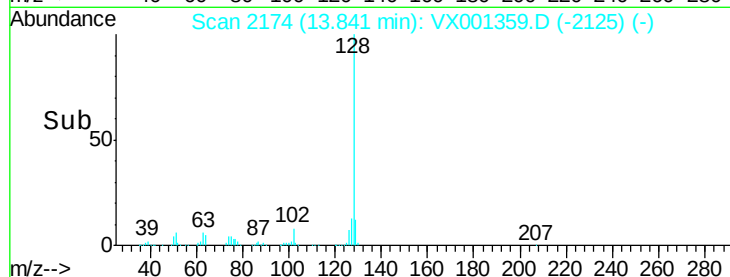
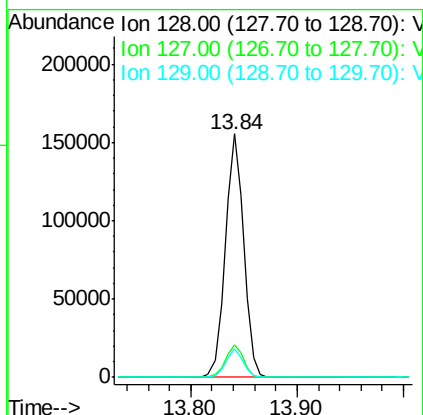
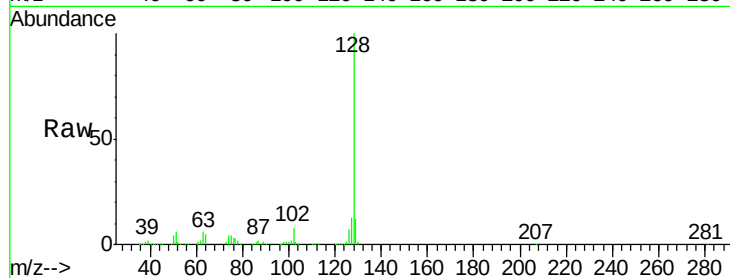
ClientSampleId :

VX0503WBS01

Tot Ion:	128	Resp:	187044
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2018 11:28:30 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.06 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001359.D

Acq: 03 May 2018 15:13

Tgt Ion:	180	Resp:	68897
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.1	144.3
145	27.7	14.4	43.4

