

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000750.D
 Acq On : 10 Apr 2018 14:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:43 AM

Quant Time: Apr 10 15:22:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:11:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	232080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163700	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.51	113	140131	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.72	98	508038	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.15	95	205573	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	157160	50.00	ug/l	100
3) Chloromethane	1.32	50	132085	50.00	ug/l	100
4) Vinyl Chloride	1.40	62	148609	50.00	ug/l	100
5) Bromomethane	1.64	94	61383	50.00	ug/l	100
6) Chloroethane	1.73	64	86138	50.00	ug/l	100
7) Trichlorofluoromethane	1.93	101	222859	50.00	ug/l	100
8) Diethyl Ether	2.19	74	80906	50.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128639	50.00	ug/l	100
10) Methyl Iodide	2.51	142	90047	50.00	ug/l	100
11) Tert butyl alcohol	3.07	59	152795	250.00	ug/l	100
12) 1,1-Dichloroethene	2.38	96	122496	50.00	ug/l	100
13) Acrolein	2.29	56	73332	250.00	ug/l	100
14) Allyl chloride	2.73	41	227109	50.00	ug/l	100
15) Acrylonitrile	3.15	53	327761	250.00	ug/l	100
16) Acetone	2.45	43	292256	250.00	ug/l	100
17) Carbon Disulfide	2.57	76	364453	50.00	ug/l	100
18) Methyl Acetate	2.78	43	153687	50.00	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	415166	50.00	ug/l	100
20) Methylene Chloride	2.86	84	130751	50.00	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	132928	50.00	ug/l	100
22) Diisopropyl ether	3.88	45	420145	50.00	ug/l	100
23) Vinyl Acetate	3.83	43	1838347	250.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	232547	50.00	ug/l	100
25) 2-Butanone	4.71	43	495299	250.00	ug/l	100
26) 2,2-Dichloropropane	4.59	77	231856	50.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	154627	50.00	ug/l	100
28) Bromochloromethane	5.03	49	91055	50.00	ug/l	100
29) Tetrahydrofuran	5.17	42	311880	250.00	ug/l	100
30) Chloroform	5.22	83	251703	50.00	ug/l	100
31) Cyclohexane	5.59	56	218957	50.00	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	240389	50.00	ug/l	100
36) 1,1-Dichloropropene	5.81	75	193508	50.00	ug/l	100
37) Ethyl Acetate	4.87	43	195825	50.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	221825	50.00	ug/l	100

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	231059	50.00	ug/l	100
40) Benzene	6.15	78	549037	50.00	ug/l	100
41) Methacrylonitrile	5.07	41	112722	50.00	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205583	50.00	ug/l	100
43) Isopropyl Acetate	6.48	43	332179	50.00	ug/l	100
44) Trichloroethene	7.22	130	170454	50.00	ug/l	100
45) 1,2-Dichloropropane	7.53	63	142023	50.00	ug/l	100
46) Dibromomethane	7.67	93	97498	50.00	ug/l	100
47) Bromodichloromethane	7.91	83	200564	50.00	ug/l	100
48) Methyl methacrylate	7.79	41	173600	50.00	ug/l	100
49) 1,4-Dioxane	7.76	88	69880	1000.00	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	993236	250.00	ug/l	100
52) Toluene	8.79	92	362119	50.00	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	240802	50.00	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	235904	50.00	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	142998	50.00	ug/l	100
56) Ethyl methacrylate	9.19	69	225756	50.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	234110	50.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539901	250.00	ug/l	100
59) 2-Hexanone	9.51	43	770021	250.00	ug/l	100
60) Dibromochloromethane	9.59	129	178985	50.00	ug/l	100
61) 1,2-Dibromoethane	9.68	107	155840	50.00	ug/l	100
64) Tetrachloroethene	9.34	164	164810	50.00	ug/l	100
65) Chlorobenzene	10.15	112	426747	50.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161921	50.00	ug/l	100
67) Ethyl Benzene	10.26	91	711863	50.00	ug/l	100
68) m/p-Xylenes	10.37	106	562630	100.00	ug/l	100
69) o-Xylene	10.71	106	273459	50.00	ug/l	100
70) Styrene	10.72	104	461372	50.00	ug/l	100
71) Bromoform	10.87	173	156118	50.00	ug/l	# 100
73) Isopropylbenzene	11.02	105	739708	50.00	ug/l	100
74) N-amyl acetate	6.48	43	332179	50.00	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213307	50.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	203456m	50.00	ug/l	
77) Bromobenzene	11.26	156	213579	50.00	ug/l	100
78) n-propylbenzene	11.37	91	835581	50.00	ug/l	100
79) 2-Chlorotoluene	11.43	91	496020	50.00	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	635079	50.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	73911	50.00	ug/l	100
82) 4-Chlorotoluene	11.52	91	591599	50.00	ug/l	100
83) tert-Butylbenzene	11.77	119	657582	50.00	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	650457	50.00	ug/l	100
85) sec-Butylbenzene	11.95	105	764856	50.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	712223	50.00	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	395775	50.00	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	401435	50.00	ug/l	100
89) n-Butylbenzene	12.40	91	628051	50.00	ug/l	100
90) Hexachloroethane	12.60	117	124238	50.00	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385409	50.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53407	50.00	ug/l	100

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ClientSampleId :
VSTDICCC050

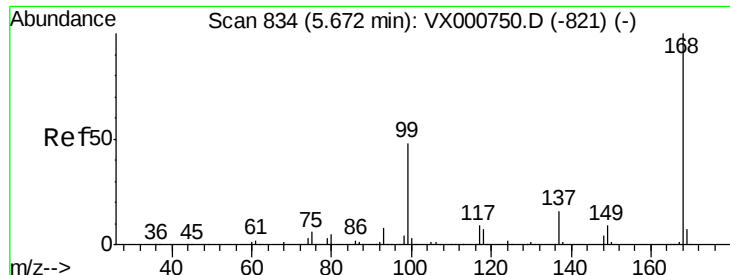
Manual Integrations
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Quant Time: Apr 10 15:22:56 2018
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QLast Update : Tue Apr 10 15:11:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	326883	50.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	159848	50.00	ug/l	100
95) Naphthalene	13.84	128	856856	50.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	317933	50.00	ug/l	100

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



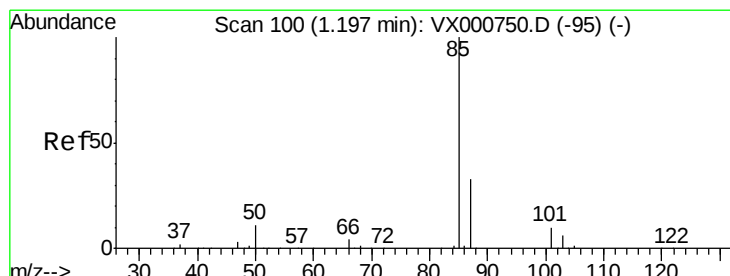
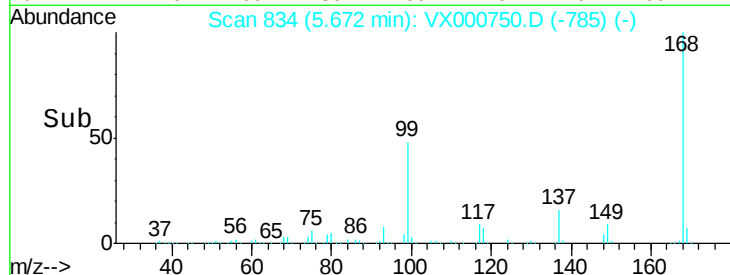
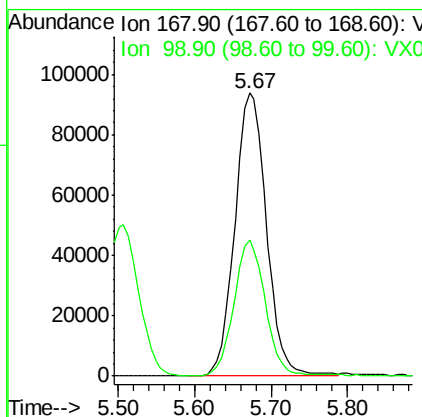
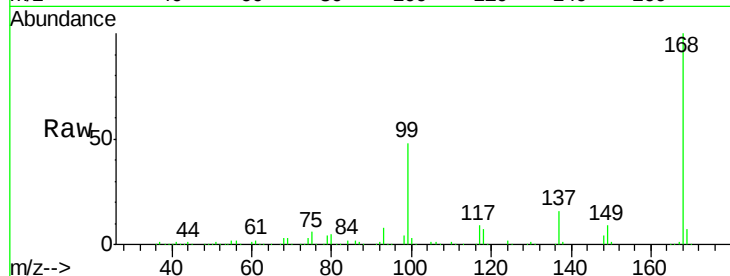
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.9	38.3	57.5

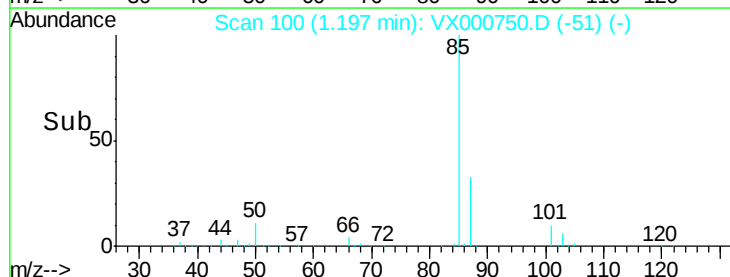
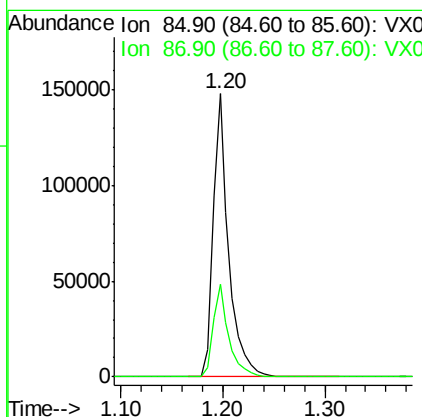
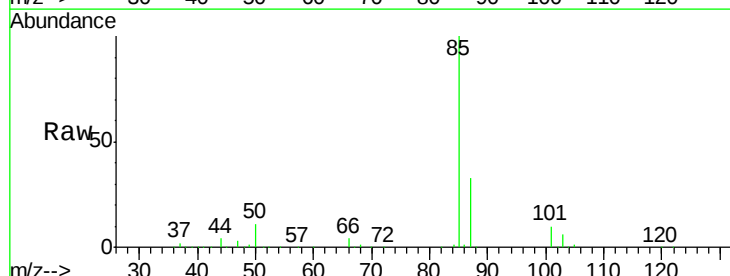
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#2
Dichlorodifluoromethane
Concen: 50.00 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





#3

Chloromethane

Concen: 50.00 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 132085

Ion Ratio Lower Upper

50 100

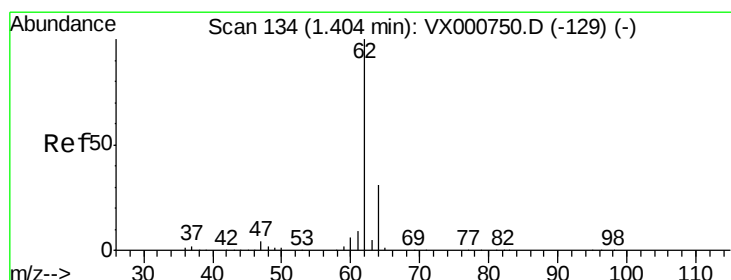
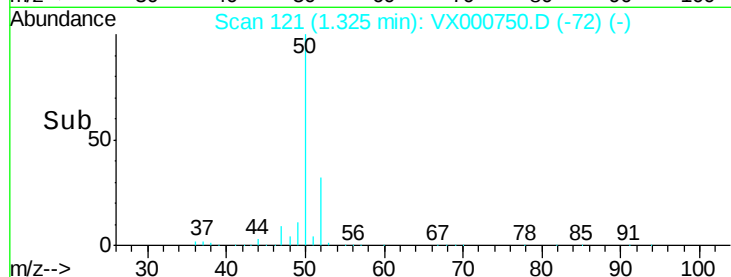
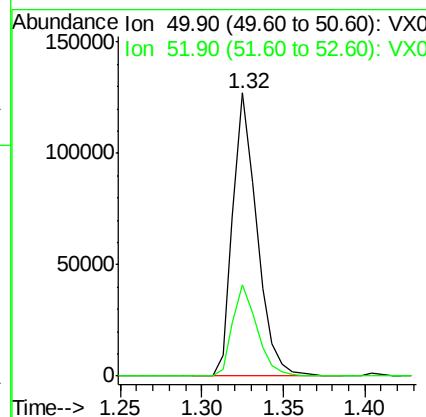
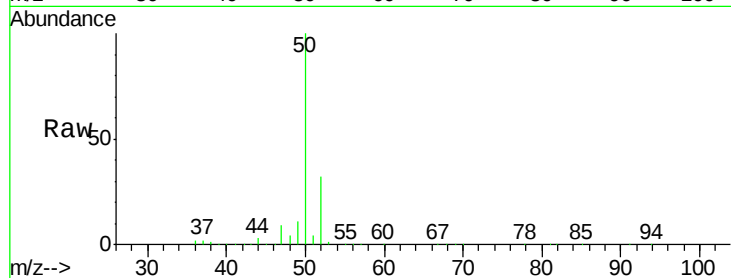
52 32.3 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000750.D

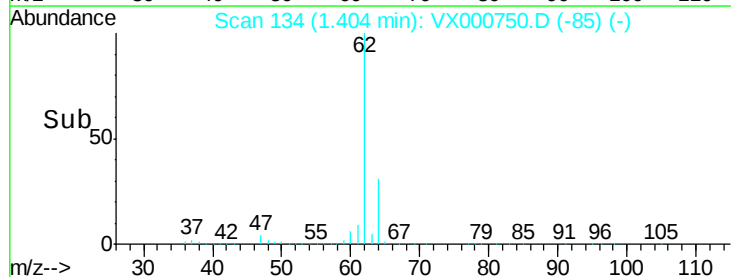
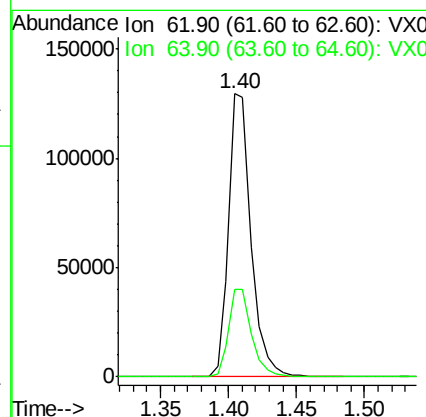
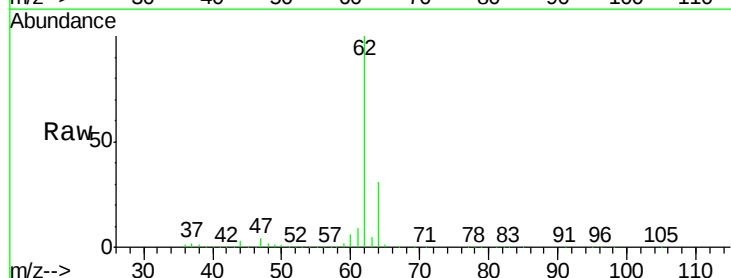
Acq: 10 Apr 2018 14:37

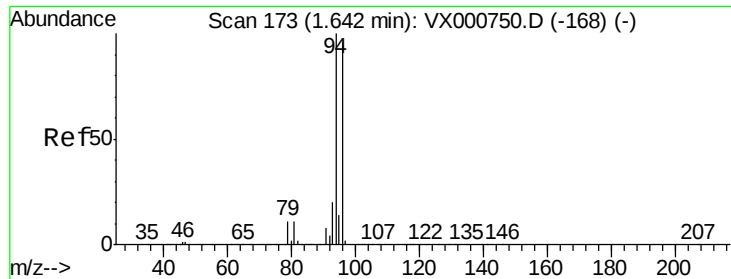
Tgt Ion: 62 Resp: 148609

Ion Ratio Lower Upper

62 100

64 30.7 24.6 36.8





#5

Bromomethane

Concen: 50.00 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 61383

Ion Ratio Lower Upper

94 100

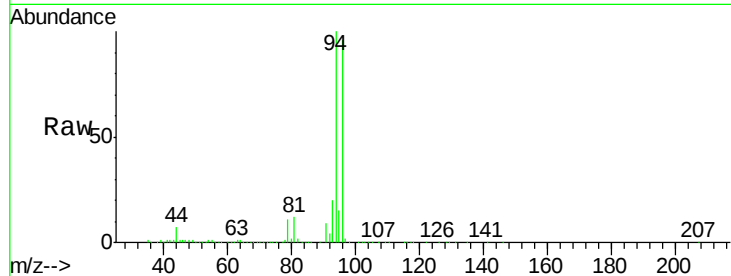
96 96.3 77.0 115.6

Manual Integrations

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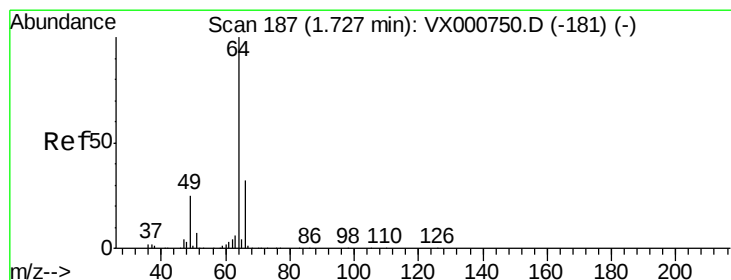
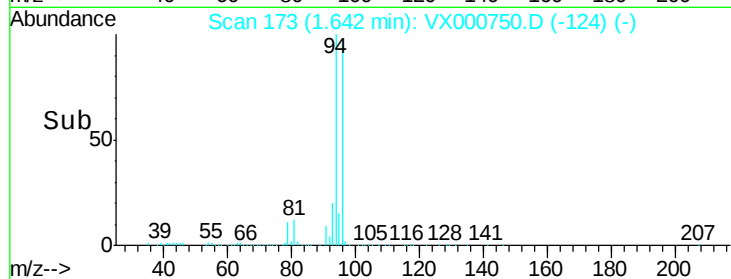
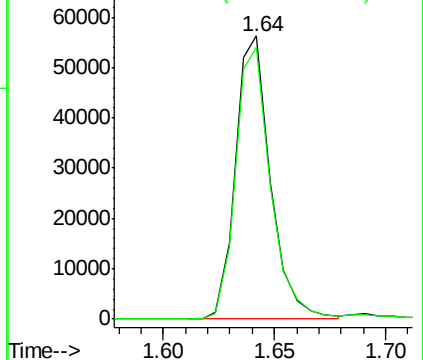
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000750.D

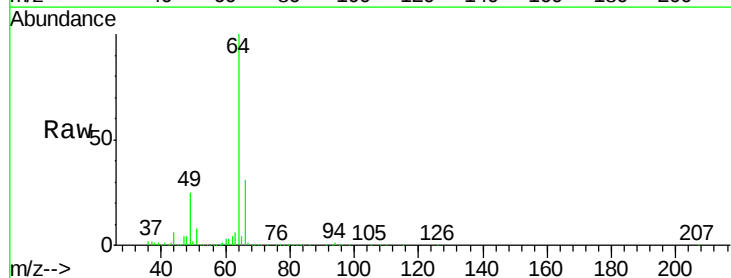
Acq: 10 Apr 2018 14:37

Tgt Ion: 64 Resp: 86138

Ion Ratio Lower Upper

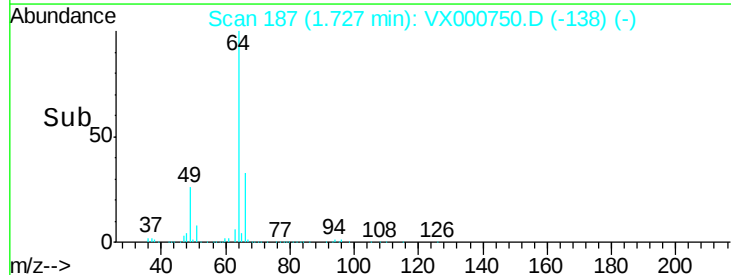
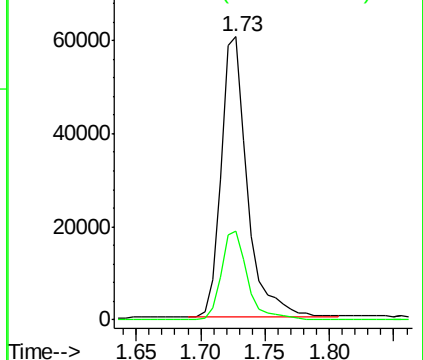
64 100

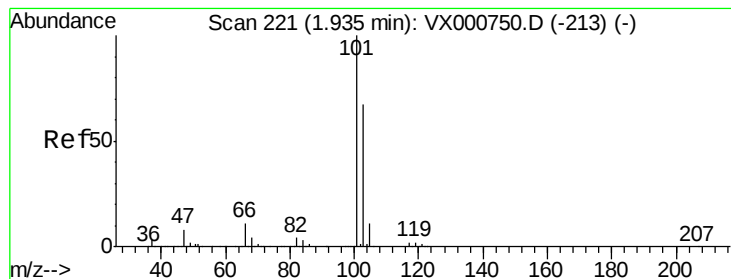
66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

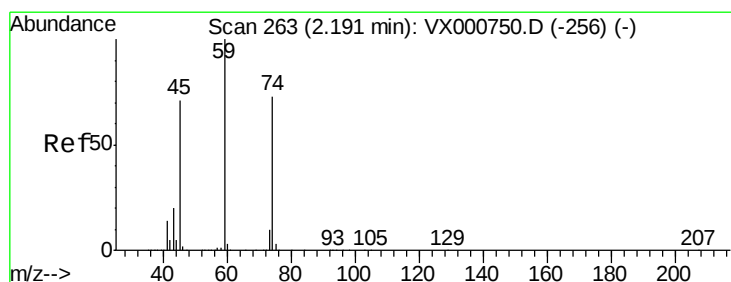
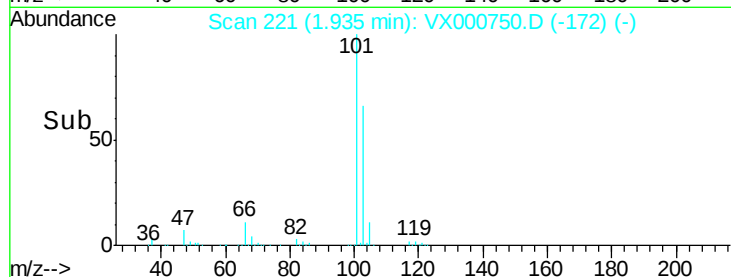
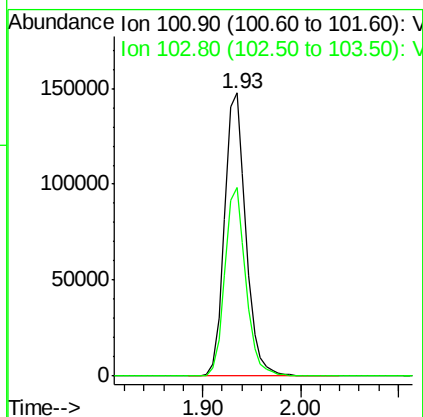
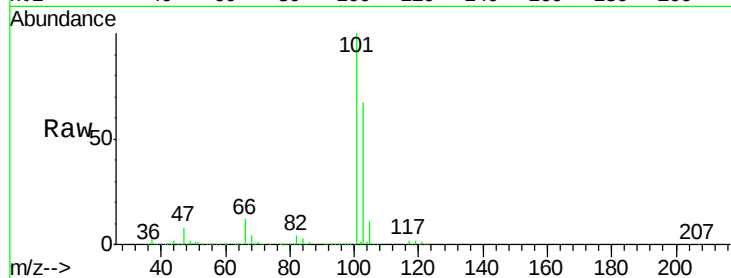
Trichlorofluoromethane
Concen: 50.00 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.2	79.8

Manual Integrations
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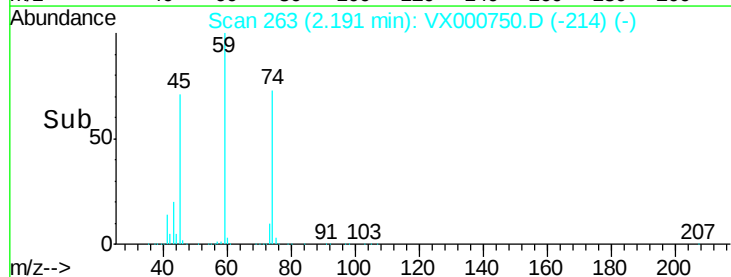
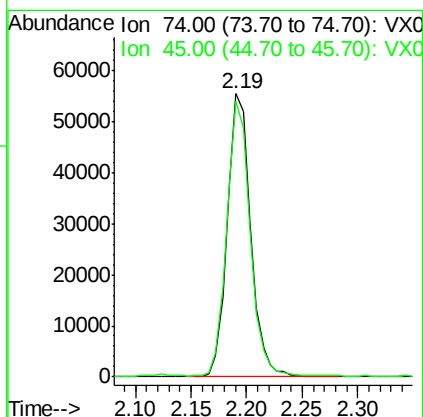
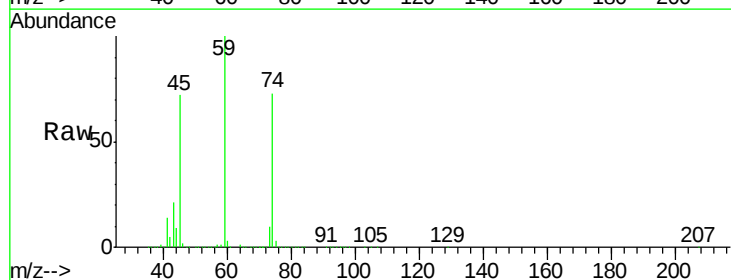
MMDadoda
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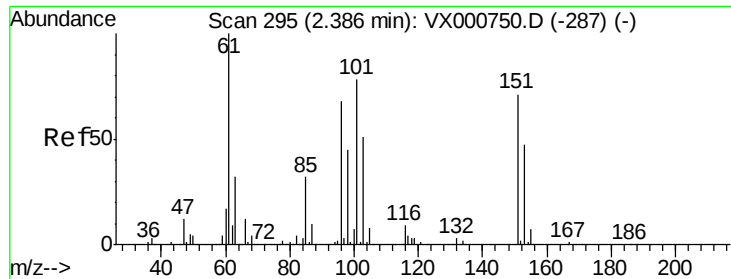


#8

Diethyl Ether
Concen: 50.00 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.00 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:101 Resp: 128639

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

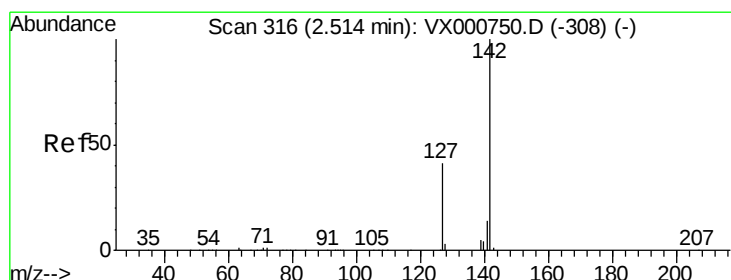
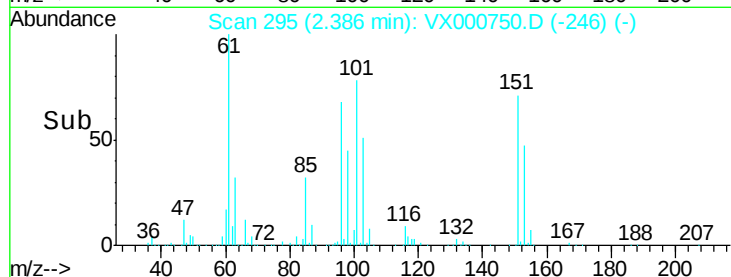
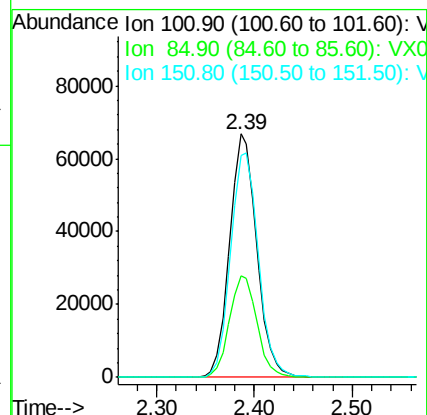
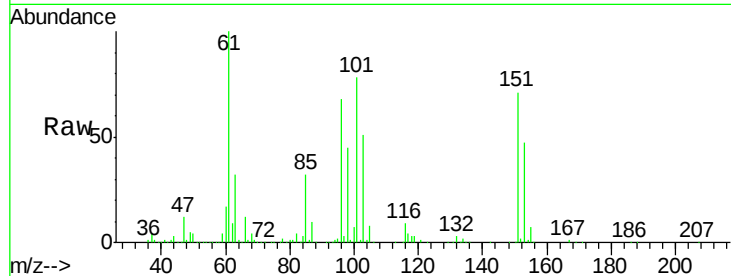
151 94.8 75.8 113.8

Manual Integrations

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4/11/2018 11:20:43 AM



#10

Methyl Iodide

Concen: 50.00 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

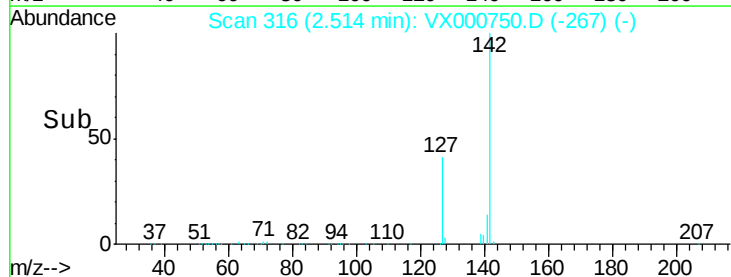
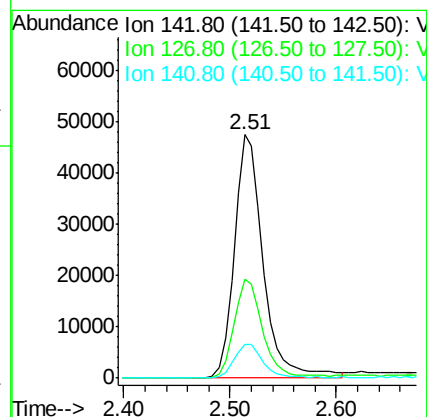
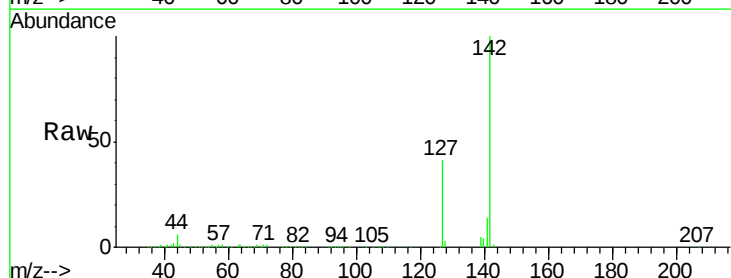
Tgt Ion:142 Resp: 90047

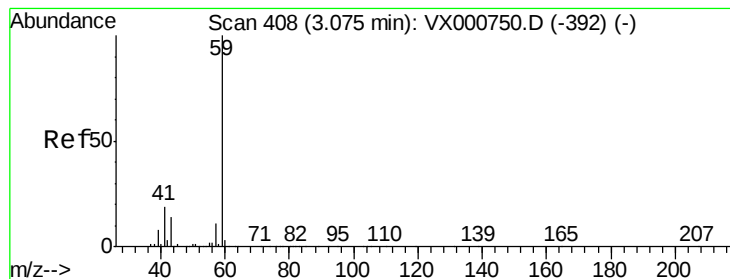
Ion Ratio Lower Upper

142 100

127 40.8 32.6 49.0

141 14.4 11.5 17.3





#11

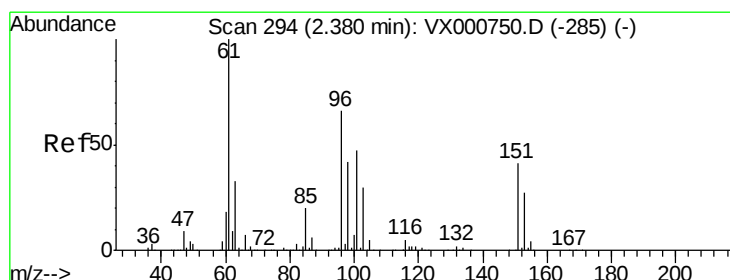
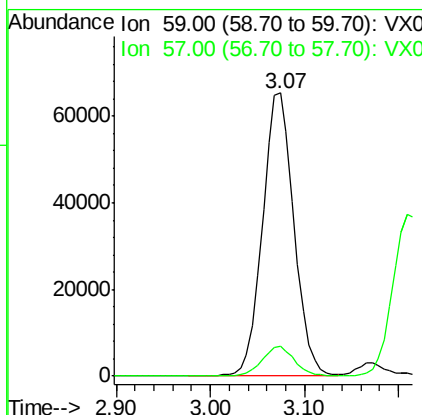
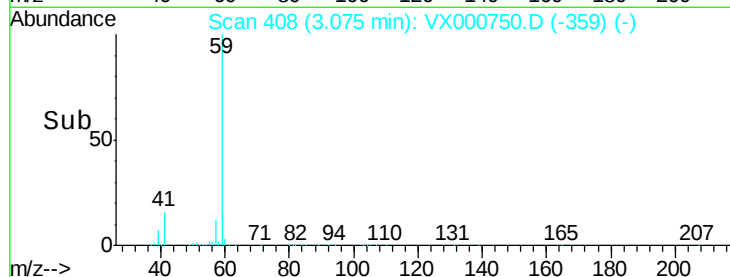
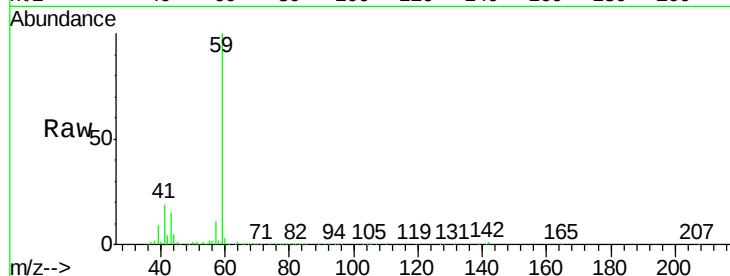
Tert butyl alcohol
Concen: 250.00 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	152795		
57	10.5		8.4	12.6

Manual Integrations
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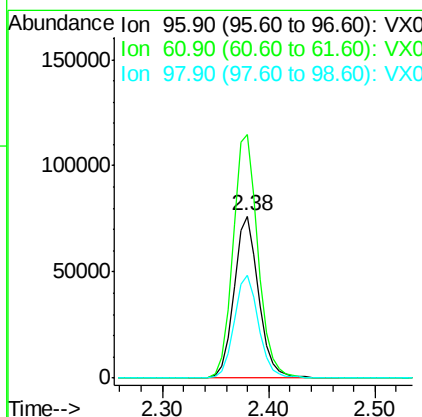
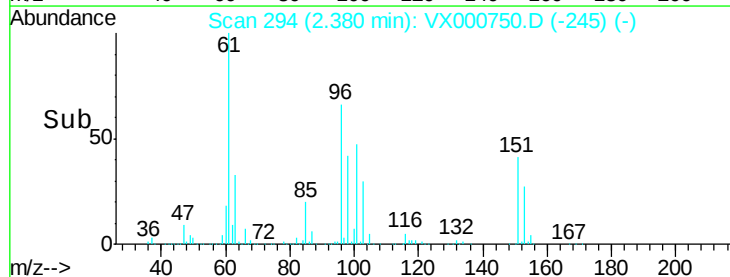
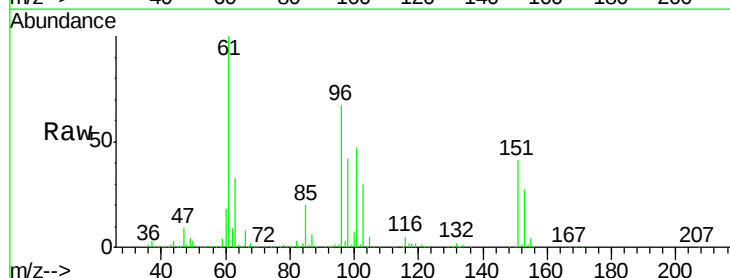
MMDadoda
4/11/2018 11:20:43 AM

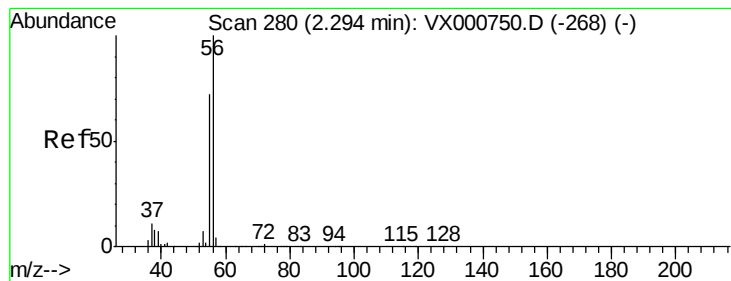


#12

1,1-Dichloroethene
Concen: 50.00 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	122496		
61	150.6		120.5	180.7
98	63.6		50.9	76.3





#13

Acrolein

Concen: 250.00 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 73332

Ion Ratio Lower Upper

56 100

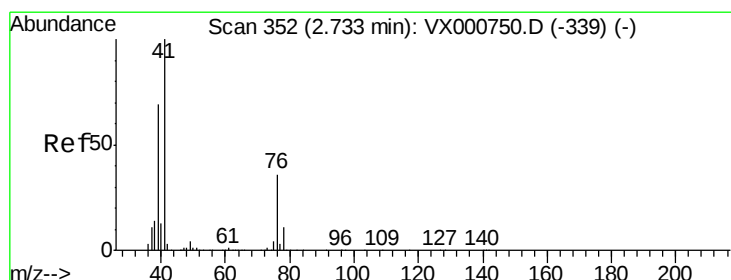
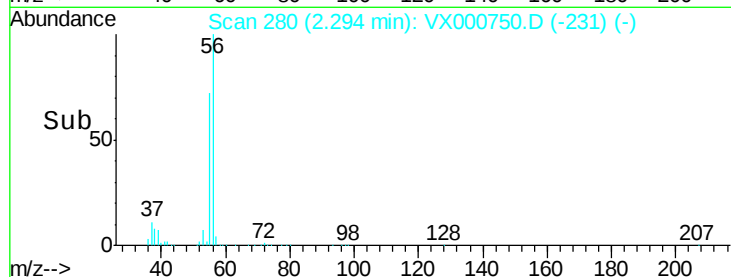
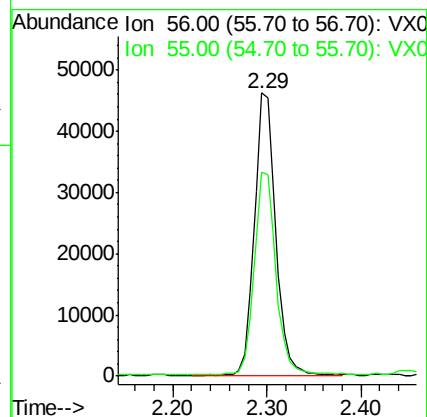
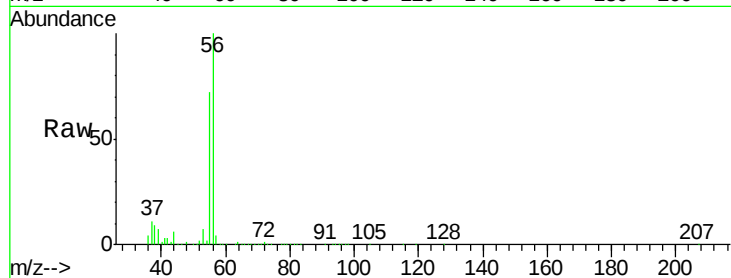
55 73.4 58.7 88.1

Manual Integrations

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#14

Allyl chloride

Concen: 50.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

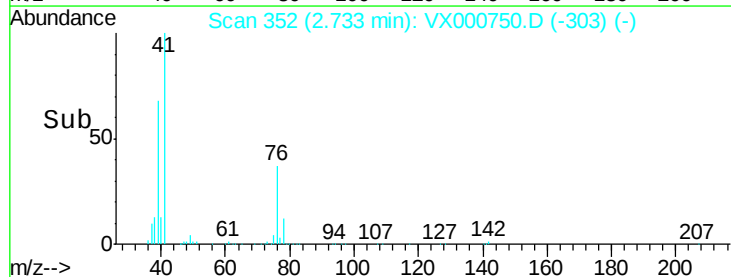
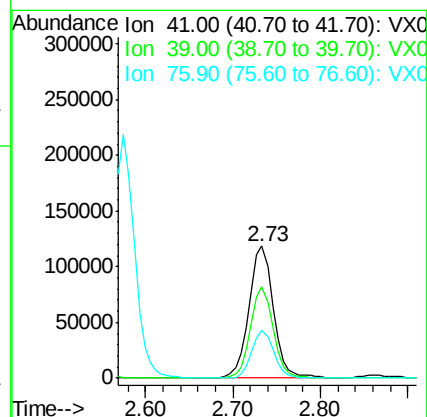
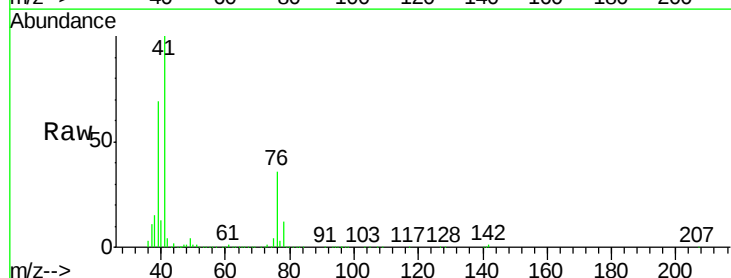
Tgt Ion: 41 Resp: 227109

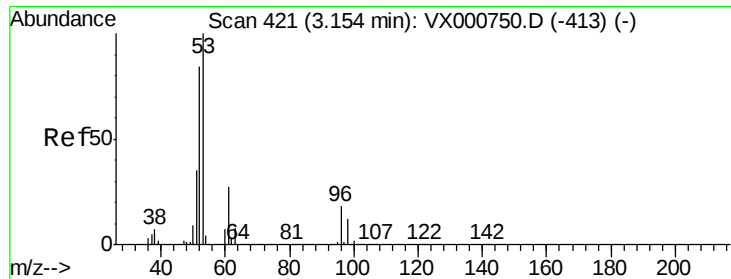
Ion Ratio Lower Upper

41 100

39 64.4 51.5 77.3

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 250.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

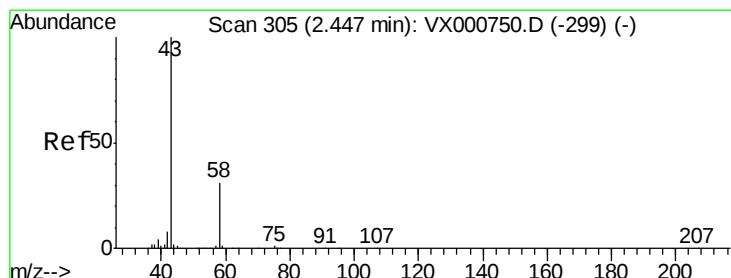
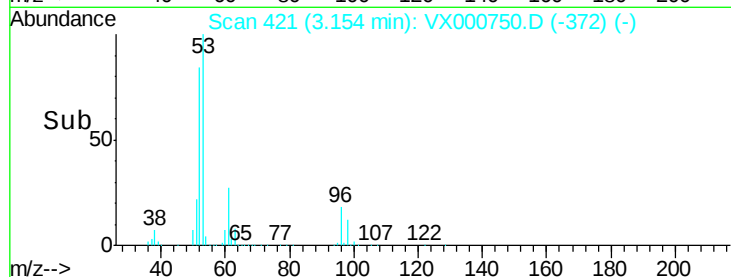
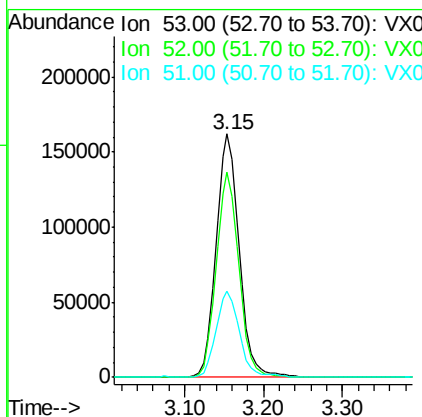
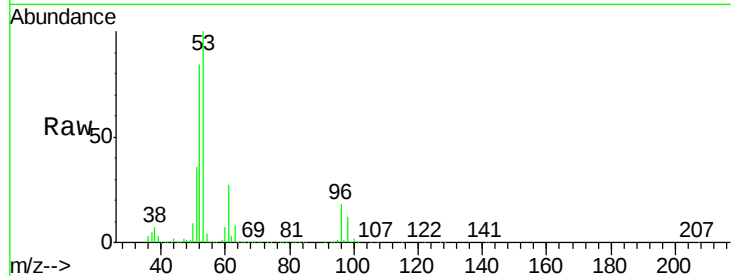
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	327761
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	36.0	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 250.00 ug/l

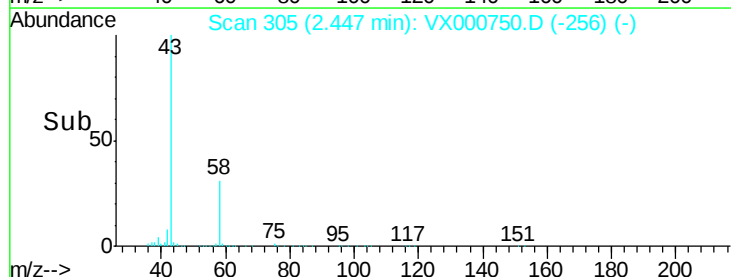
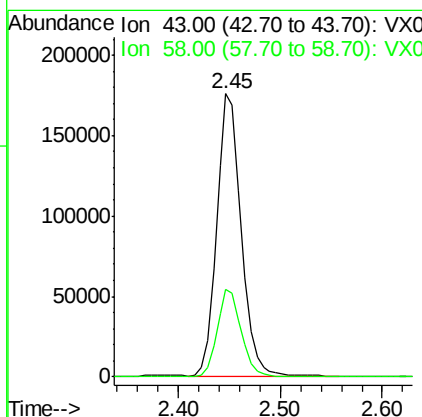
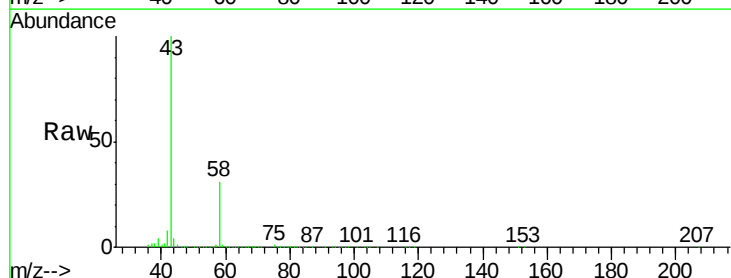
RT: 2.45 min Scan# 305

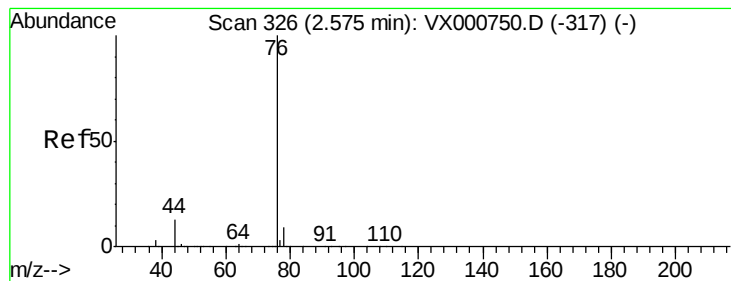
Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion:	43	Resp:	292256
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.6	37.0





#17

Carbon Disulfide

Concen: 50.00 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tot Ion: 76 Resp: 364453

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

Instrument :

MSVOA_X

ClientSampleId :

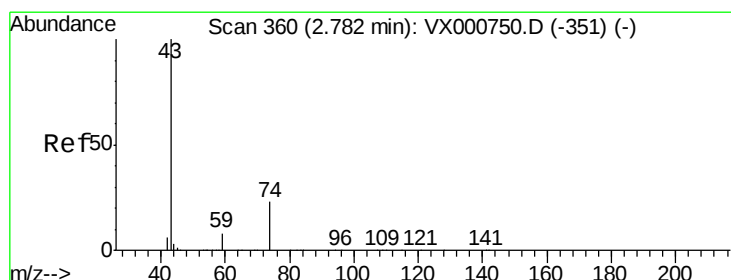
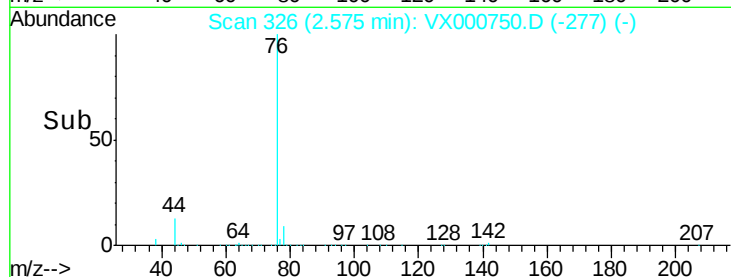
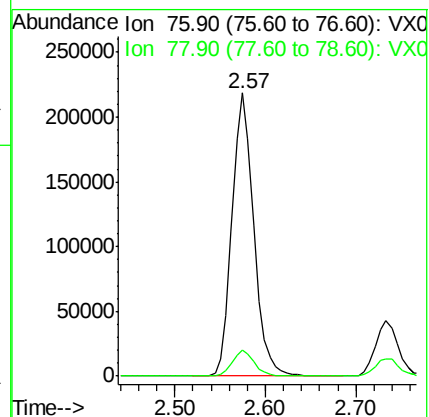
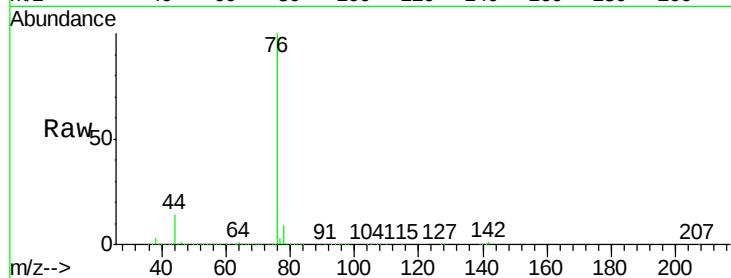
VSTDICCC050

Manual Integrations

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#18

Methyl Acetate

Concen: 50.00 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000750.D

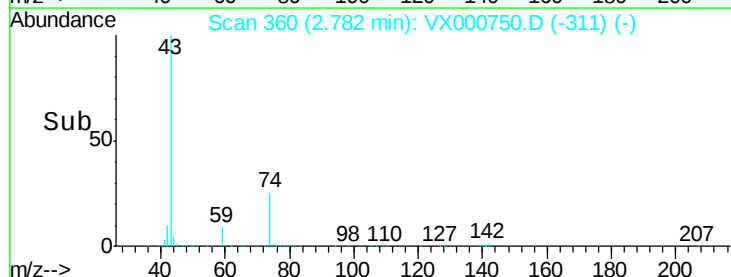
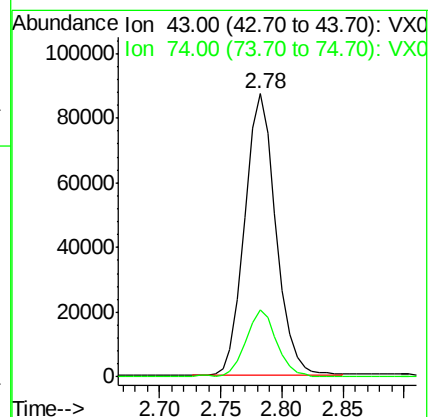
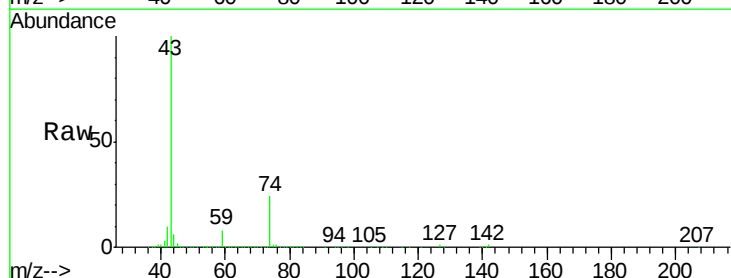
Acq: 10 Apr 2018 14:37

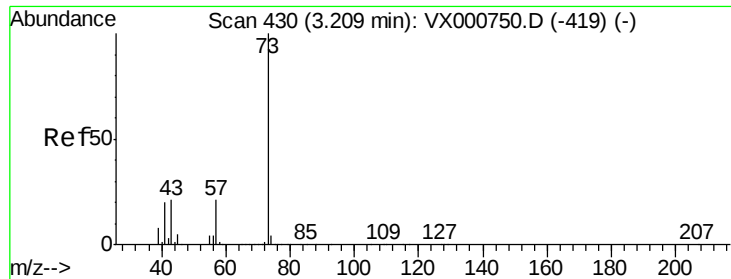
Tgt Ion: 43 Resp: 153687

Ion Ratio Lower Upper

43 100

74 23.9 19.1 28.7





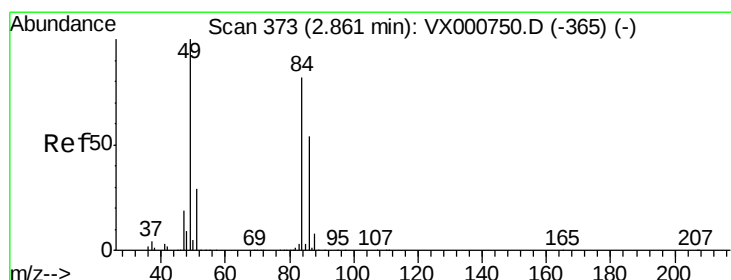
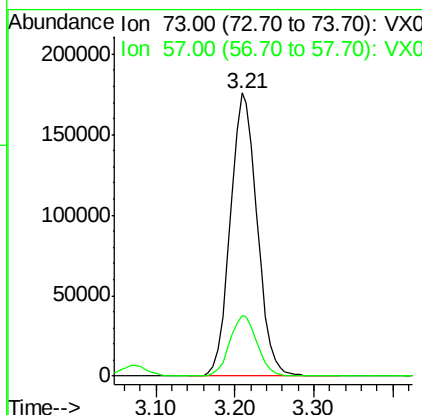
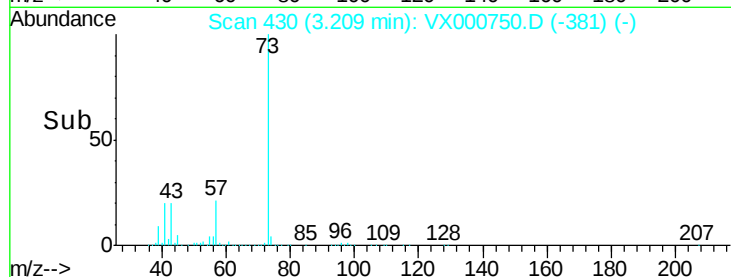
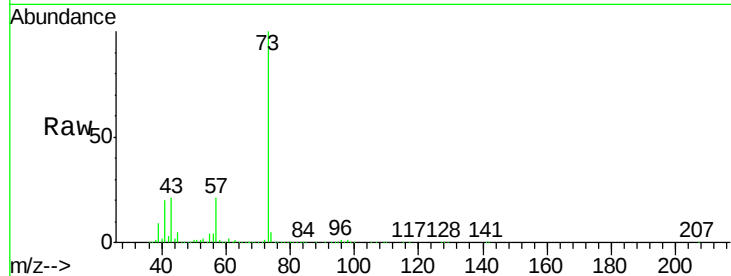
#19
Methyl tert-butyl Ether
Concen: 50.00 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

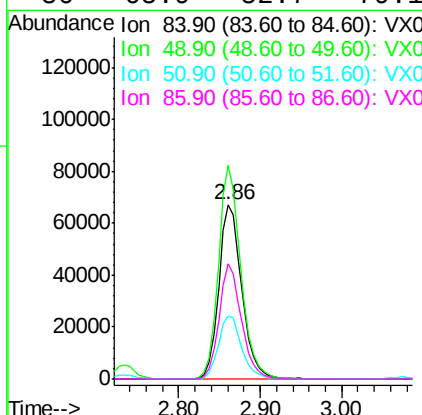
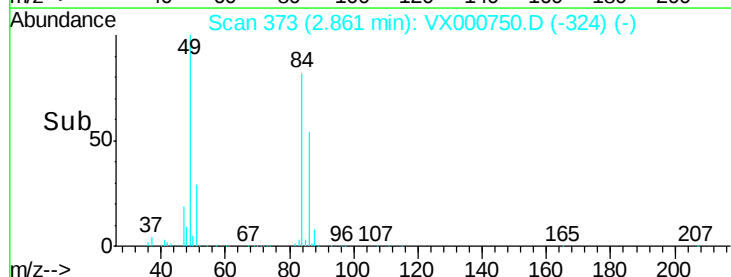
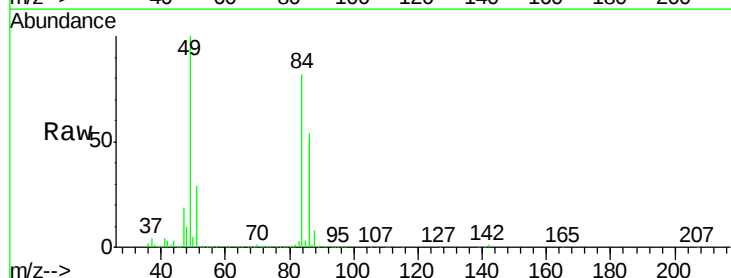
Manual Integrations
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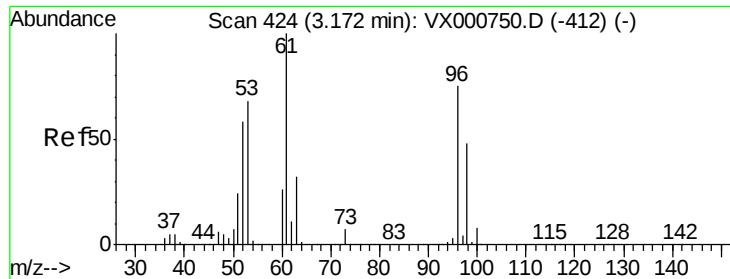
MMDadoda
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#20
Methylene Chloride
Concen: 50.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.1	147.1
51	36.1	28.9	43.3
86	65.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 50.00 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 132928

Ion Ratio Lower Upper

96 100

61 132.7 106.2 159.2

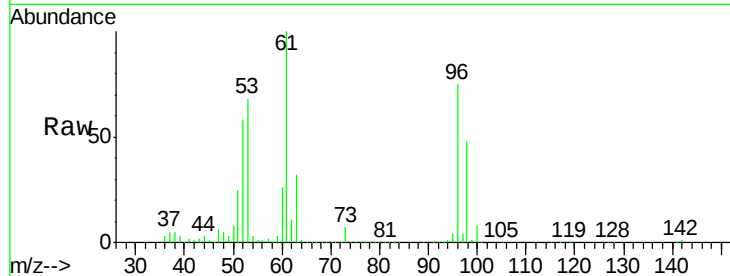
98 64.0 51.2 76.8

Manual Integrations

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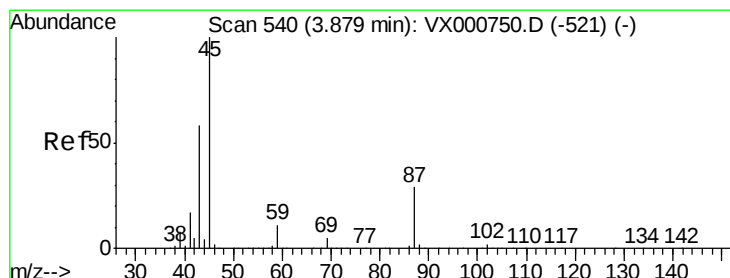
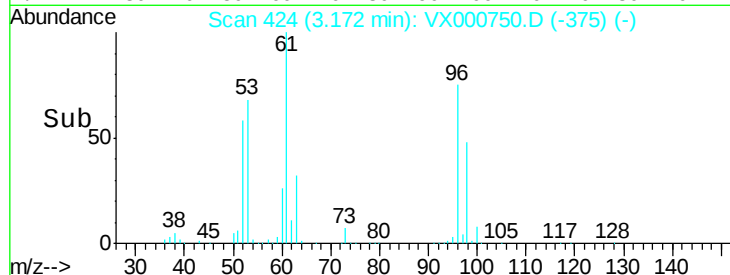
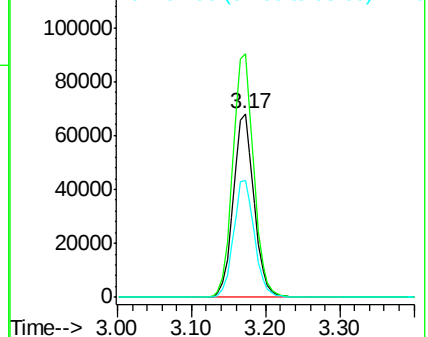


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.00 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion: 45 Resp: 420145

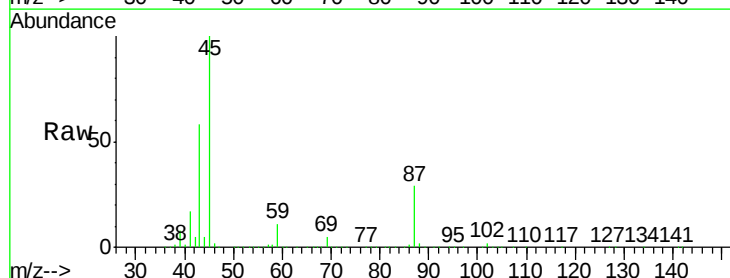
Ion Ratio Lower Upper

45 100

43 58.2 46.6 69.8

87 28.6 22.9 34.3

59 11.5 9.2 13.8



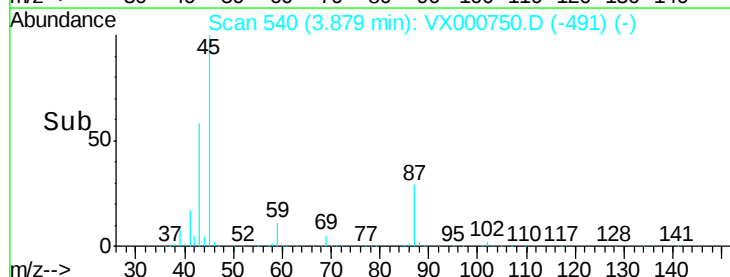
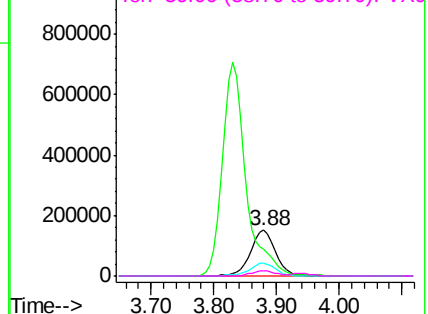
Abundance

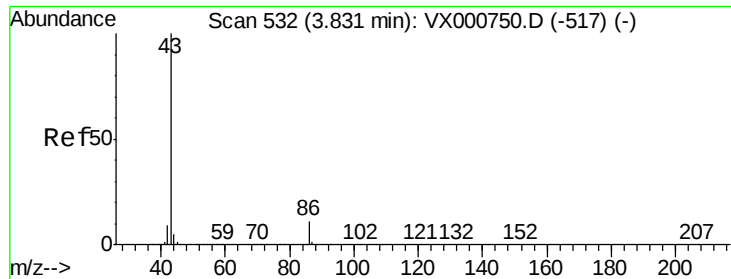
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 250.00 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tot Ion: 43 Resp: 1838347

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

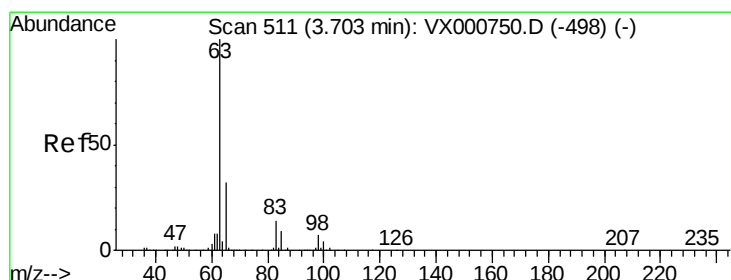
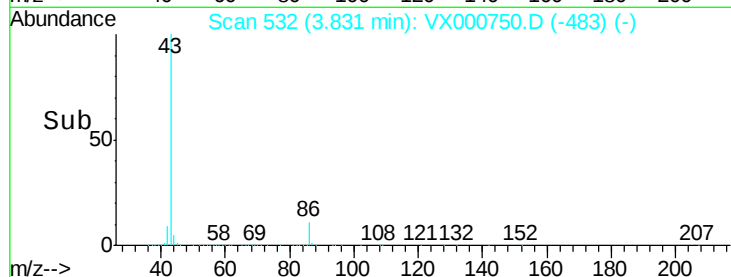
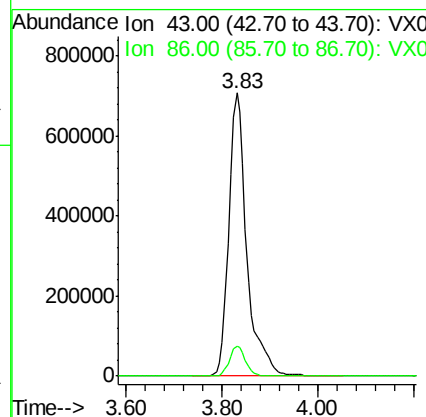
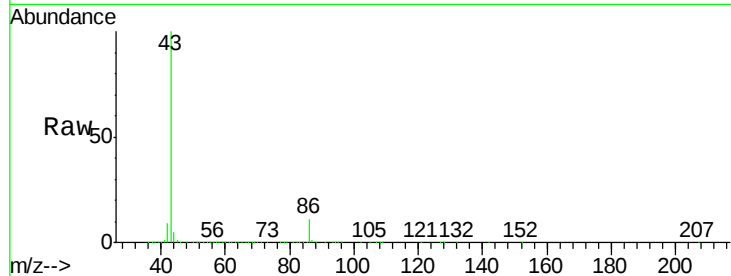
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 50.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

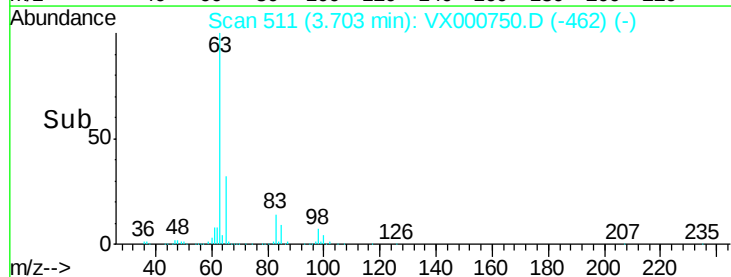
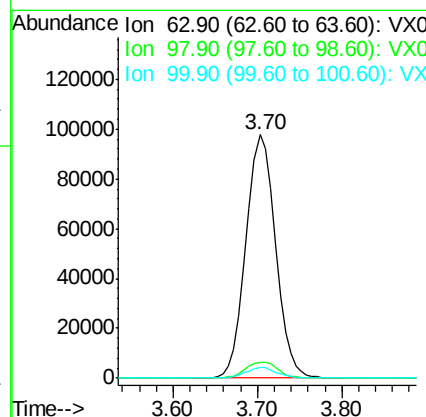
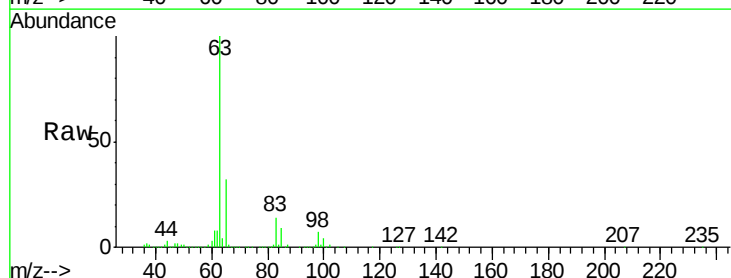
Tgt Ion: 63 Resp: 232547

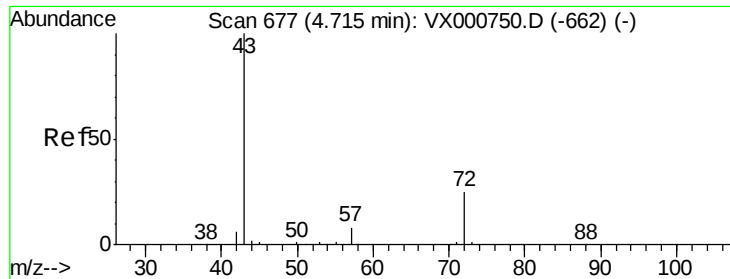
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 250.00 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tot Ion: 43 Resp: 495299

Ion Ratio Lower Upper

43 100

72 25.4 20.3 30.5

Instrument :

MSVOA_X

ClientSampleId :

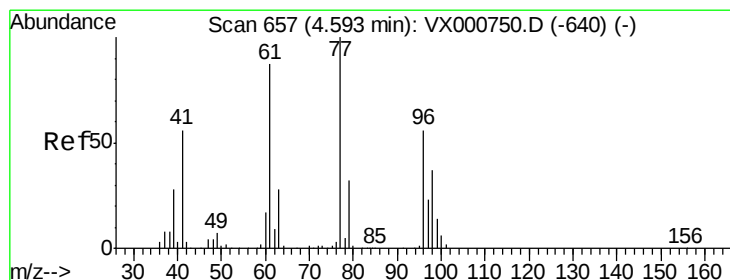
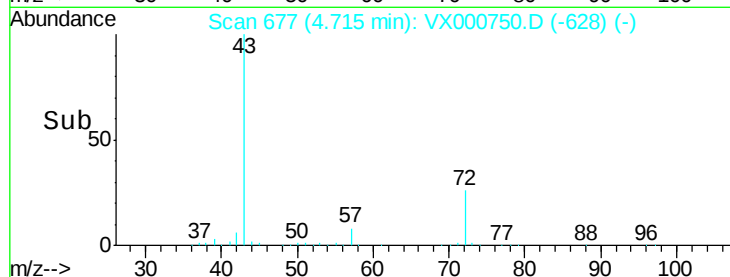
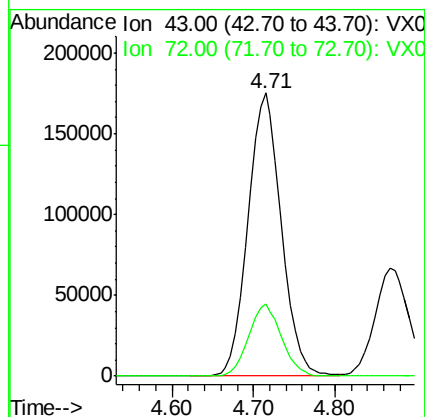
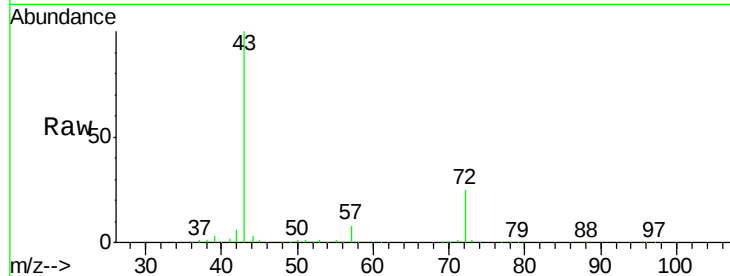
VSTDICCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.00 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000750.D

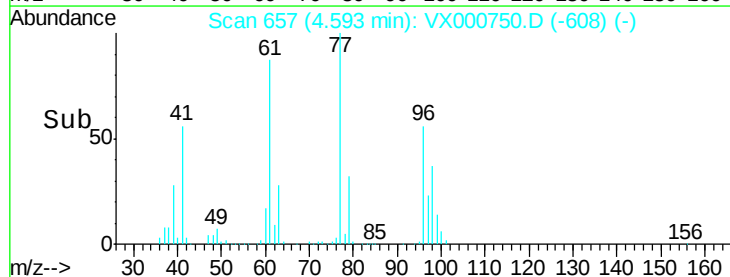
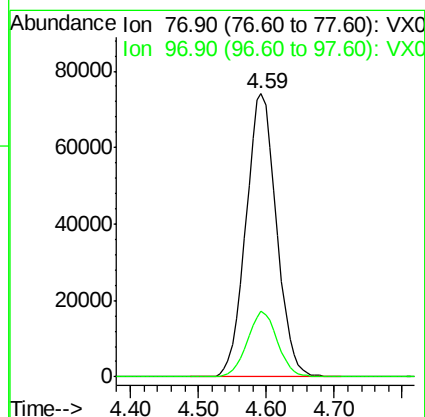
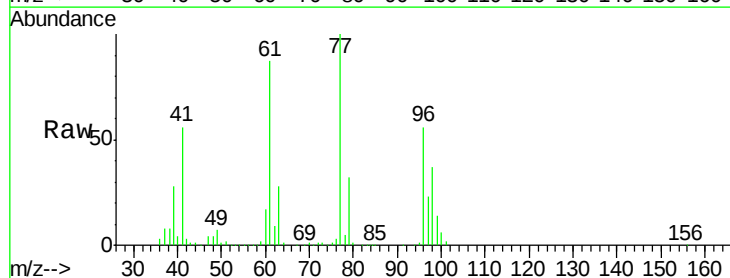
Acq: 10 Apr 2018 14:37

Tgt Ion: 77 Resp: 231856

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

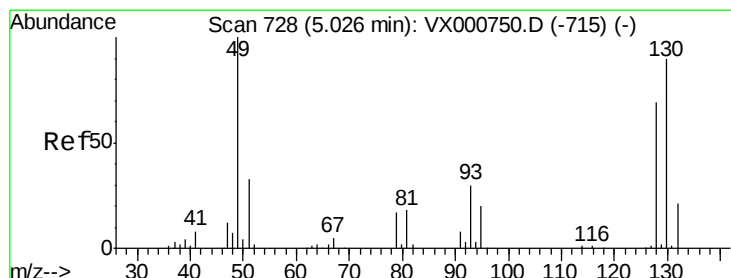
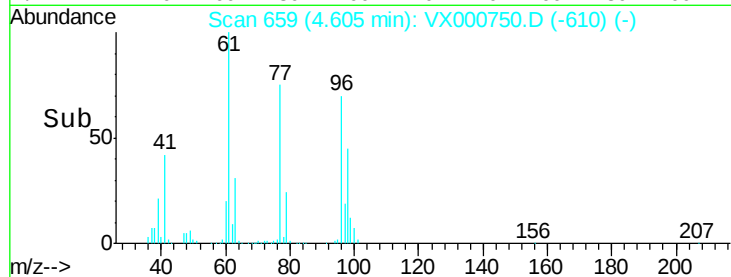
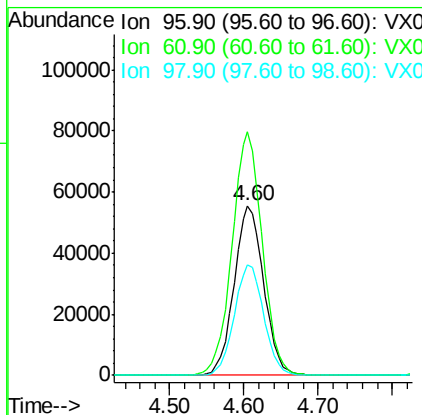
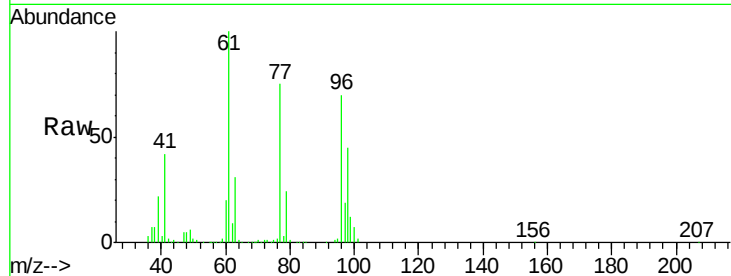
cis-1,2-Dichloroethene
Concen: 50.00 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.2	0.0	292.4	
98	65.1	0.0	130.2	

Manual Integrations
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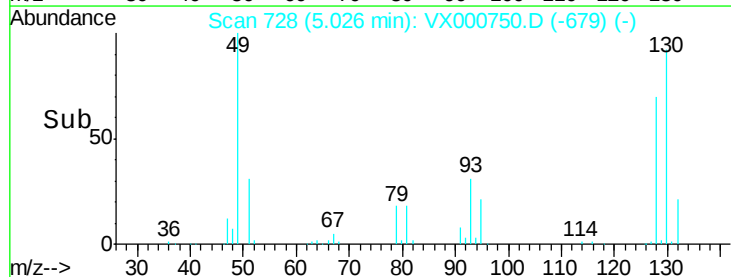
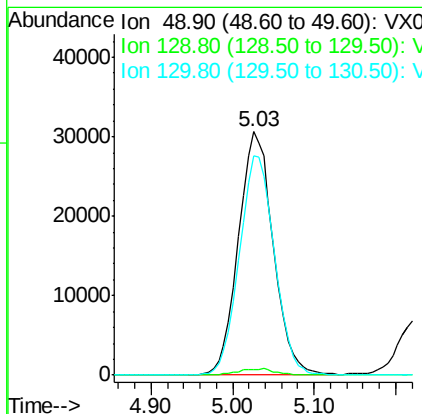
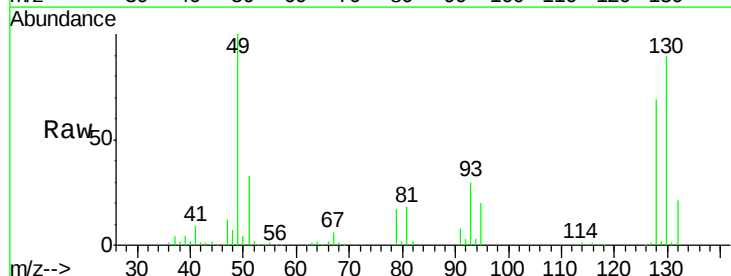
MMDadoda
4/11/2018 11:20:43 AM

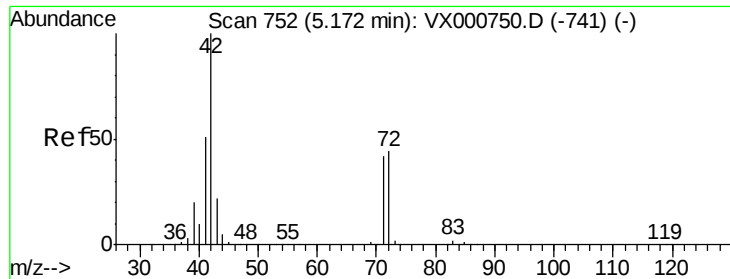


#28

Bromochloromethane
Concen: 50.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.2	
130	90.8	72.6	109.0	





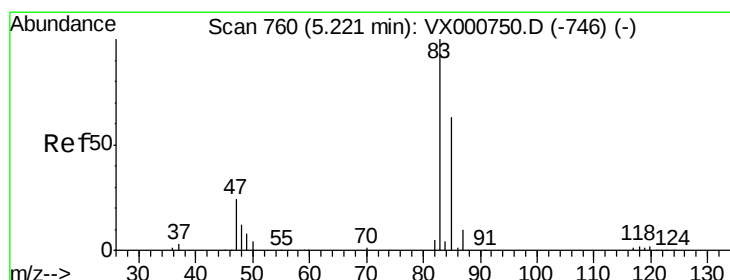
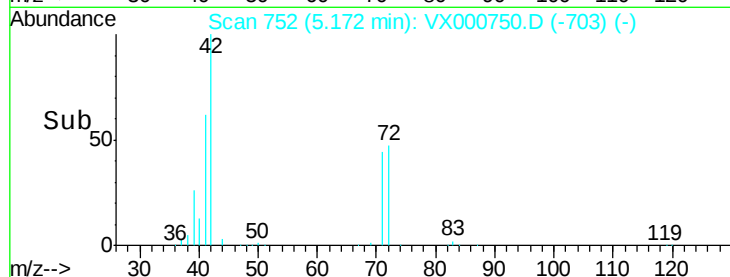
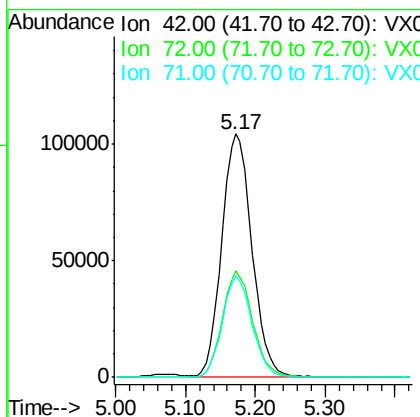
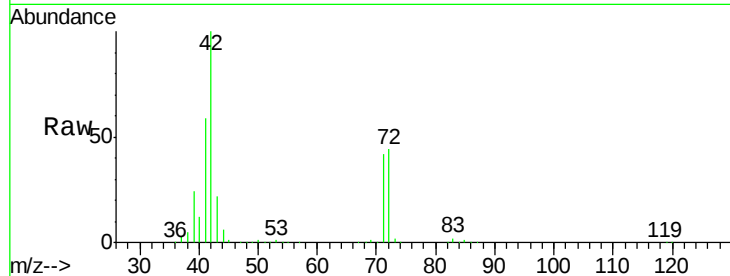
#29
Tetrahydrofuran
Concen: 250.00 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	41.0	32.8	49.2

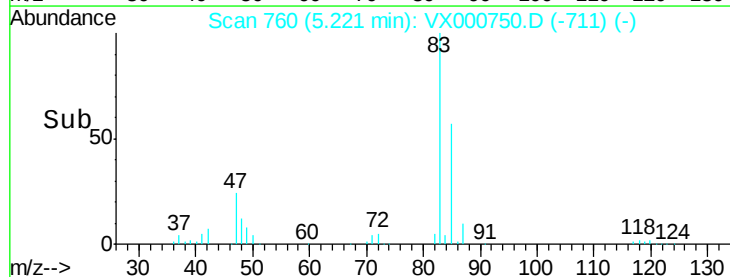
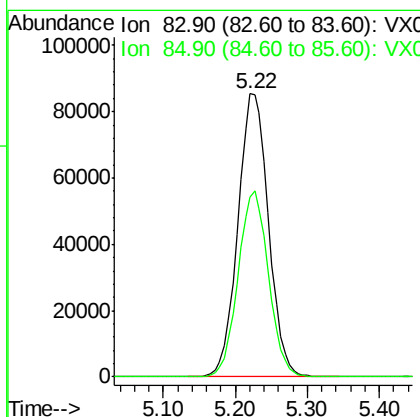
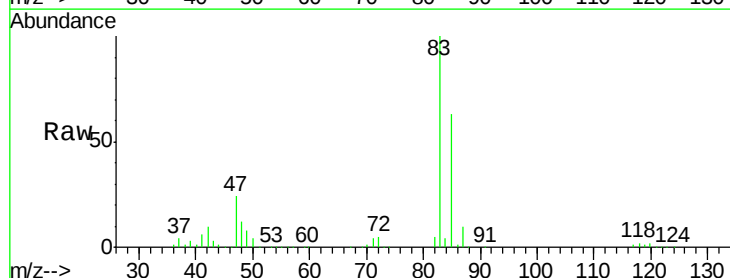
Manual Integrations
APPROVED

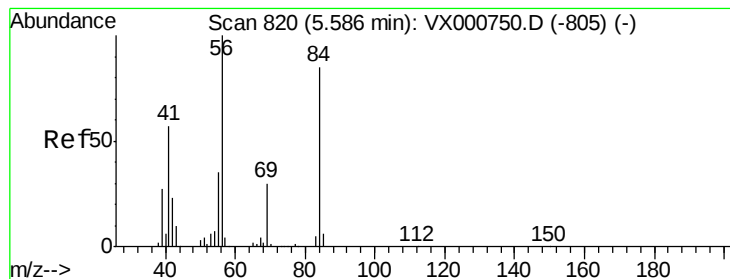
MMDadoda
4/11/2018 11:20:43 AM



#30
Chloroform
Concen: 50.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1





#31

Cyclohexane

Concen: 50.00 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

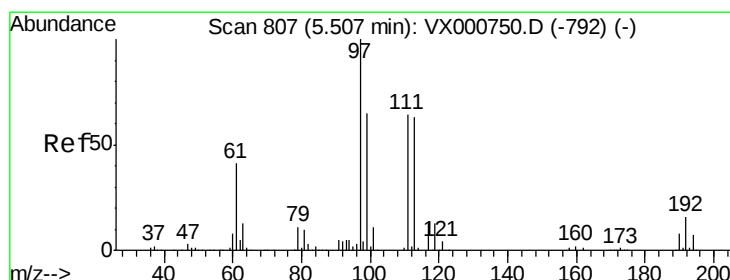
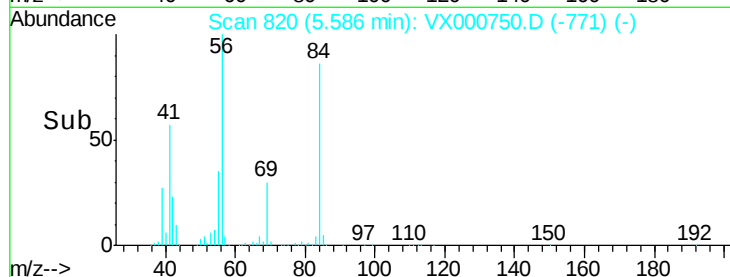
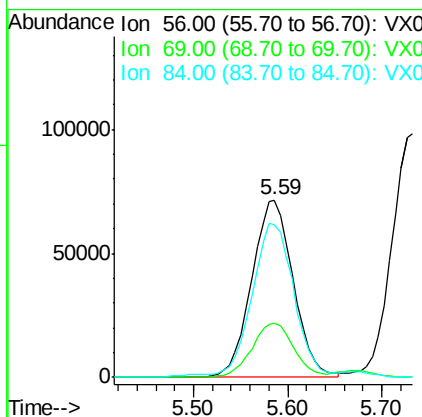
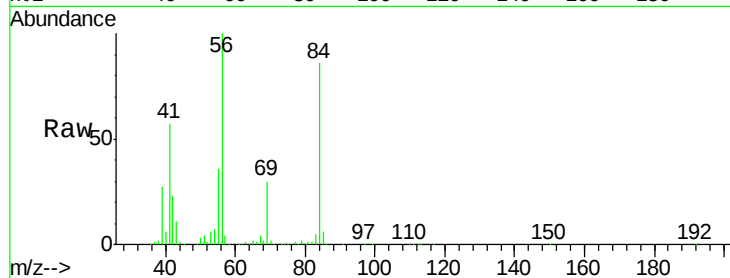
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	218957
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.4
84	84.5	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.00 ug/l

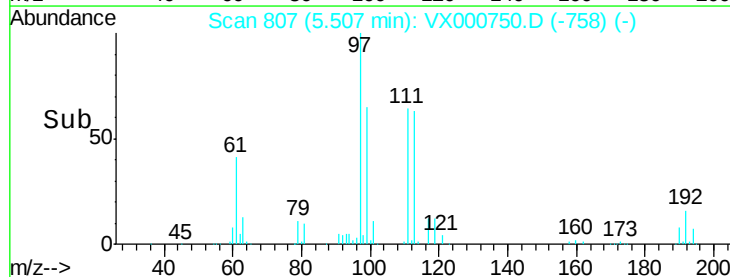
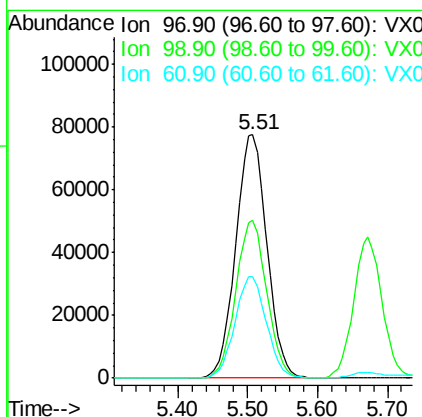
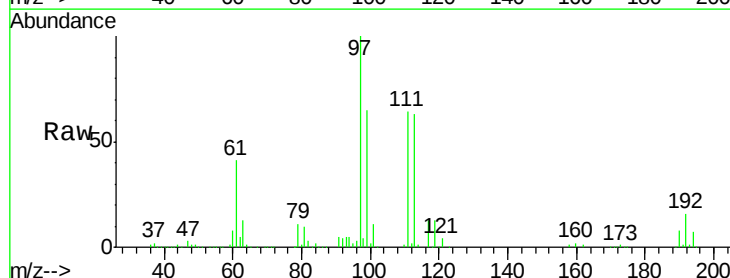
RT: 5.51 min Scan# 807

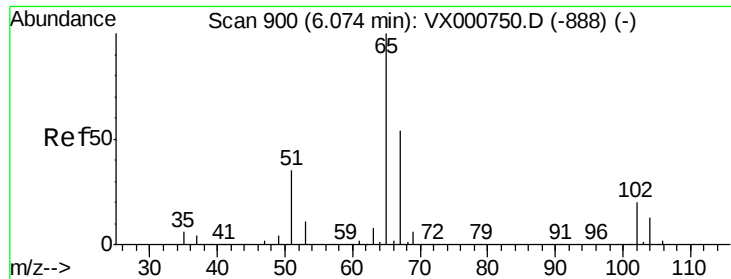
Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion:	97	Resp:	240389
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	42.1	33.7	50.5





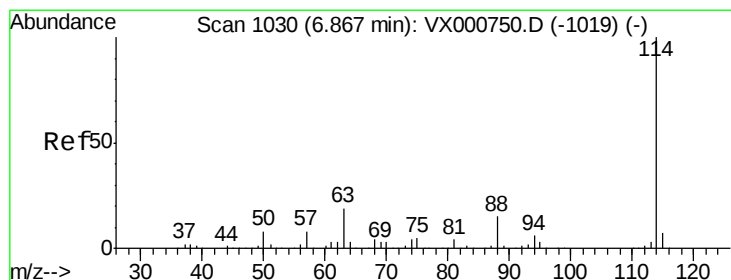
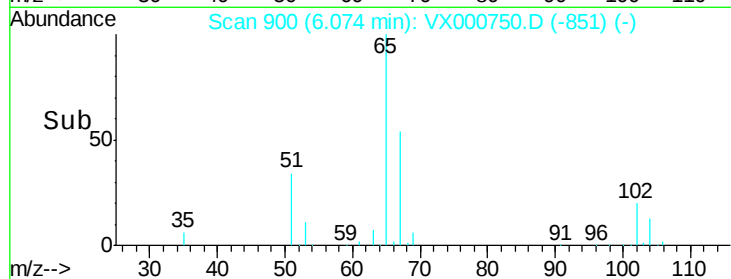
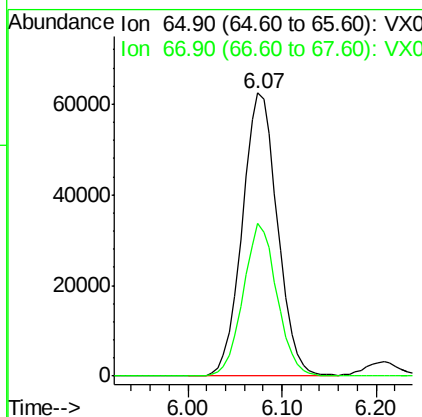
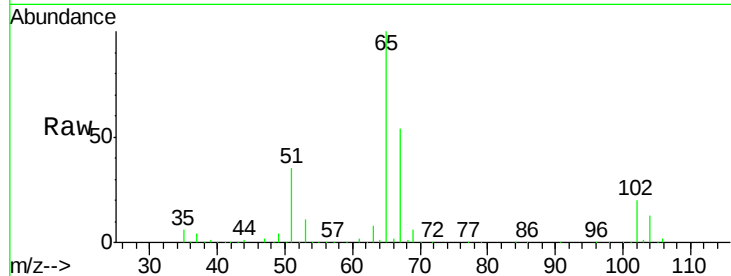
#33
 1,2-Dichloroethane-d4
 Concen: 50.00 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

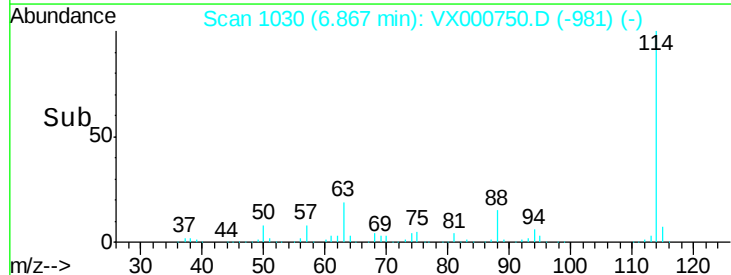
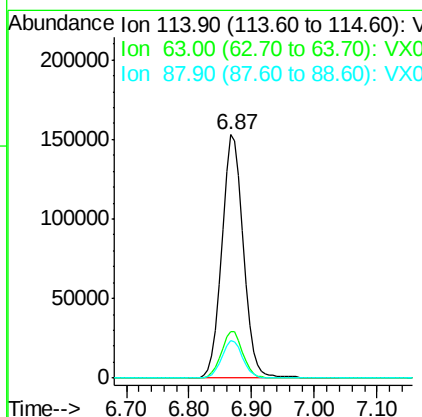
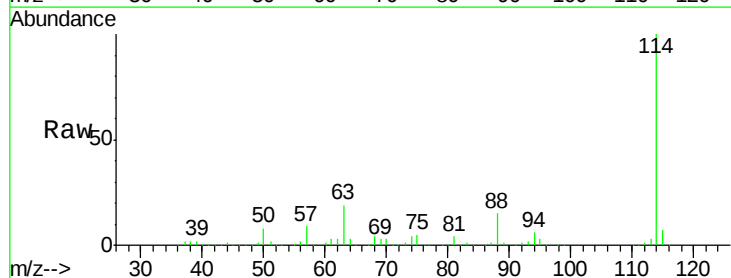
Manual Integrations
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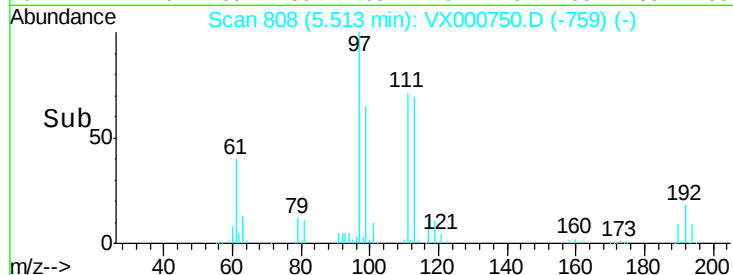
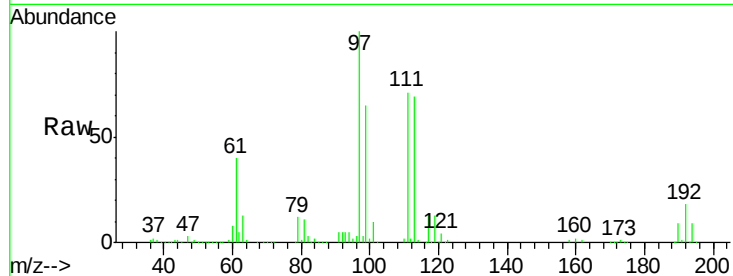
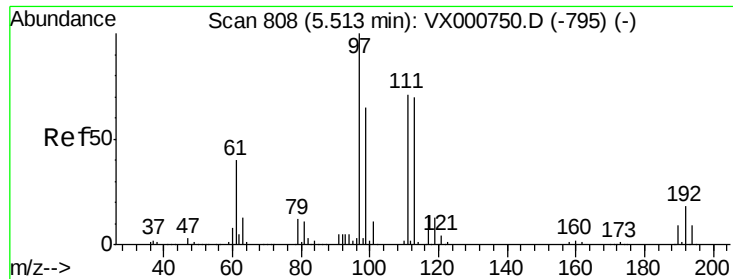
MMDadoda
 4/11/2018 11:20:43 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.5	0.0	31.0





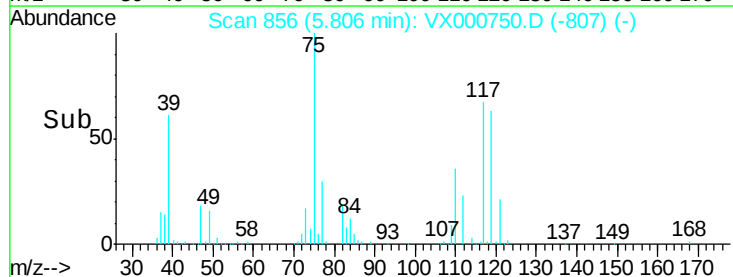
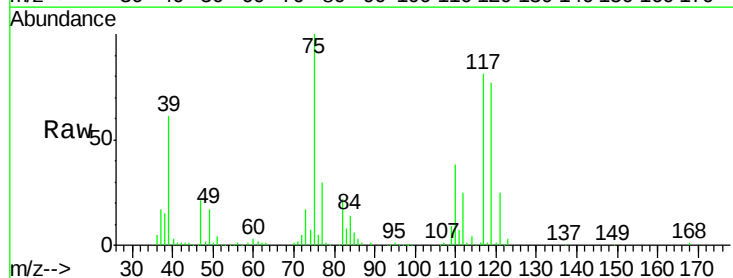
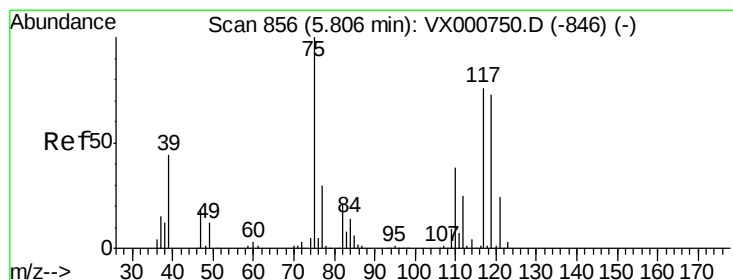
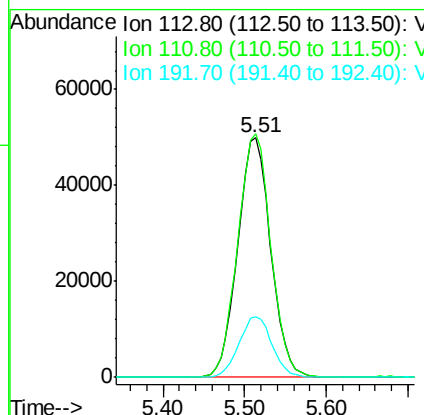
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140131		
111	101.9	81.5	122.3	
192	25.5	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

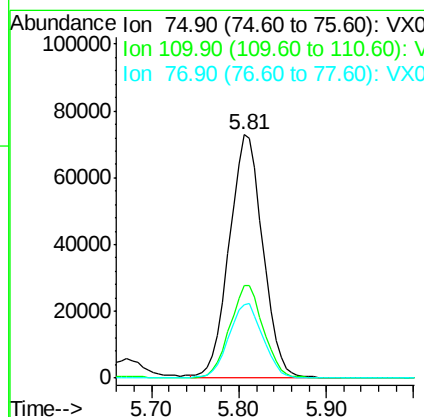
Manual Integrations
APPROVED

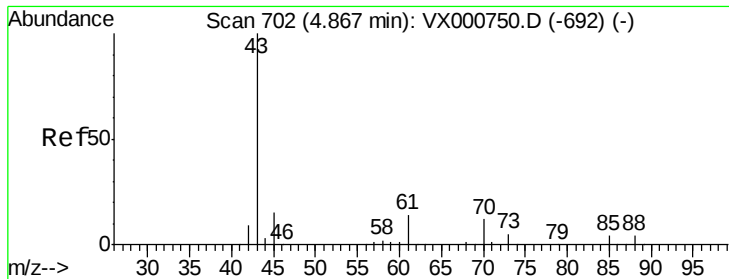
MMDadoda
4/11/2018 11:20:43 AM



#36
1,1-Dichloropropene
Concen: 50.00 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193508		
110	38.4	19.2	57.6	
77	31.8	25.4	38.2	





#37

Ethyl Acetate

Concen: 50.00 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

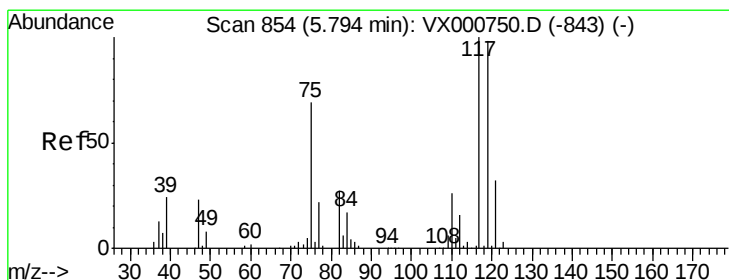
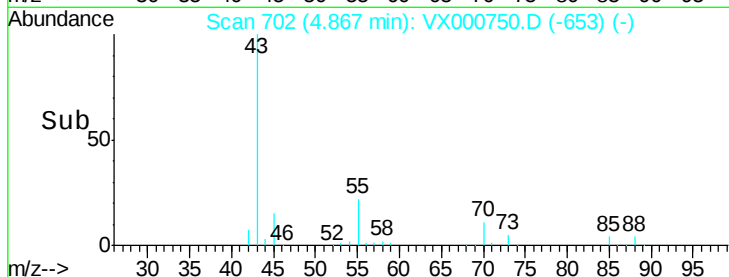
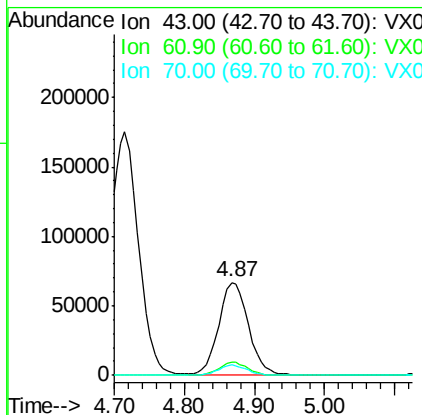
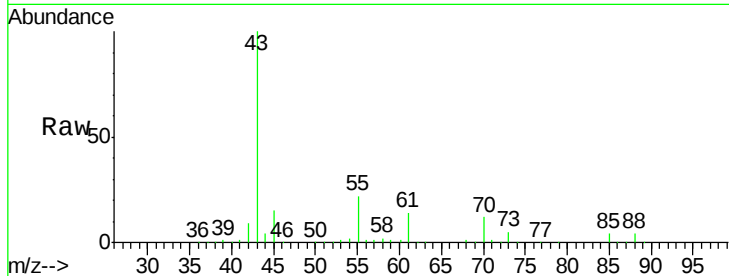
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	195825
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.9	8.7	13.1

Manual Integrations
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4/11/2018 11:20:43 AM



#38

Carbon Tetrachloride

Concen: 50.00 ug/l

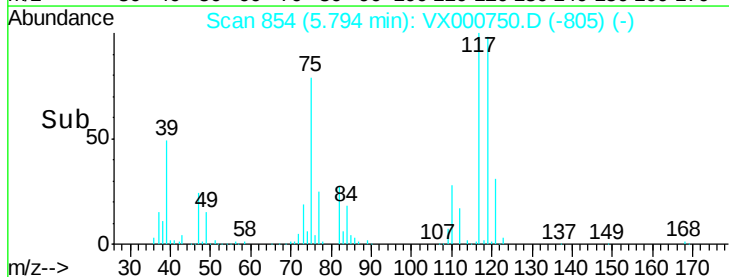
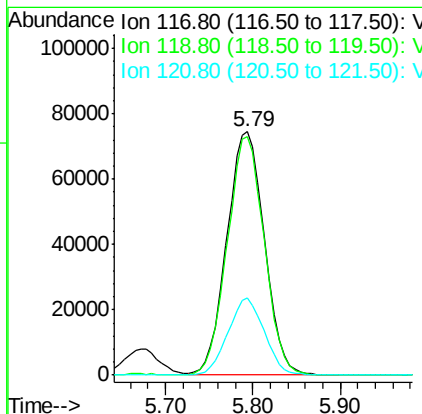
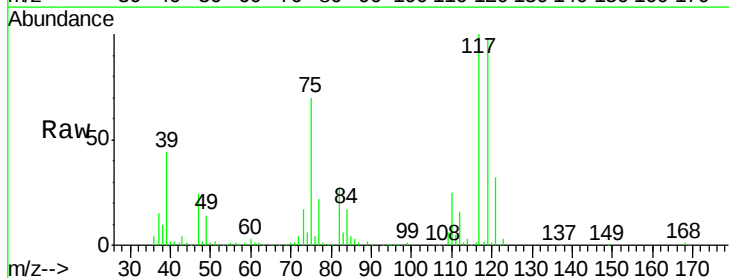
RT: 5.79 min Scan# 854

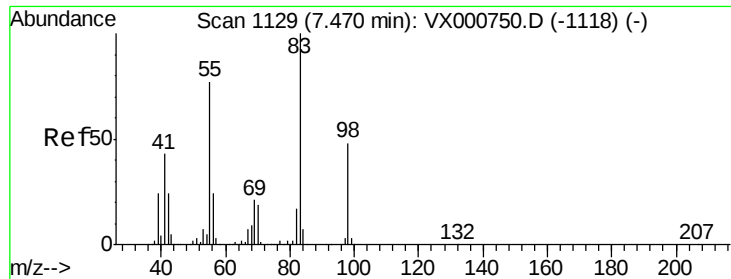
Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion:	117	Resp:	221825
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.4	117.6
121	31.7	25.4	38.0





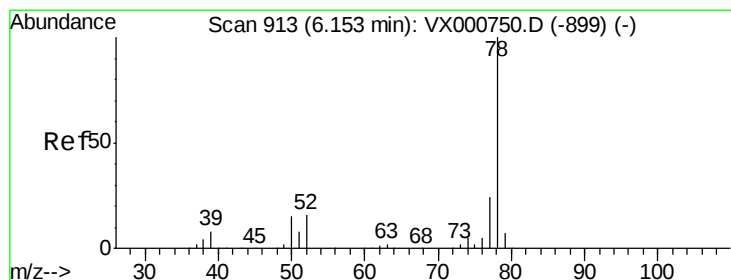
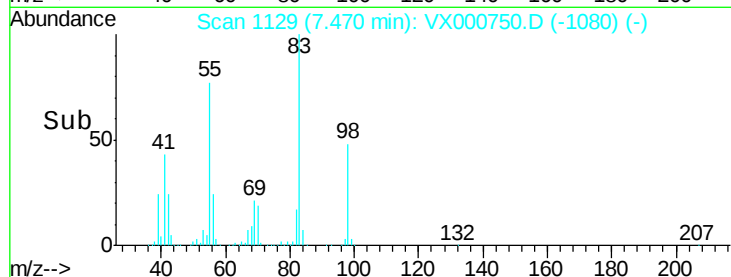
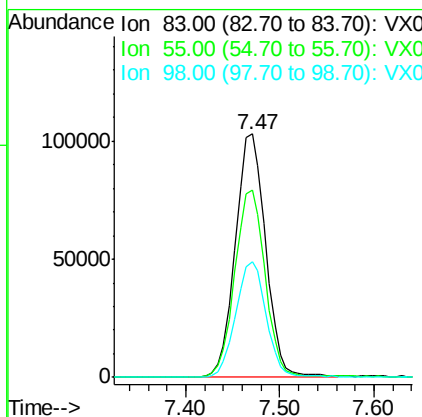
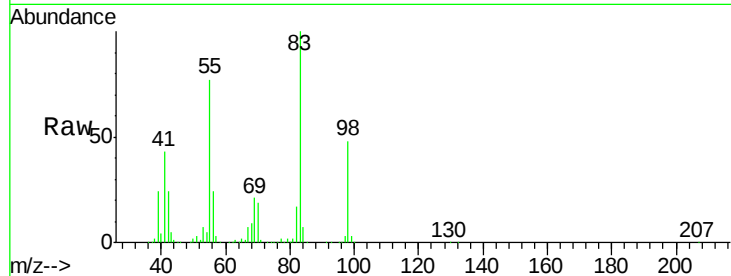
#39
Methvlcvclohexane
Concen: 50.00 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	231059		
55	76.9		61.5	92.3
98	47.6		38.1	57.1

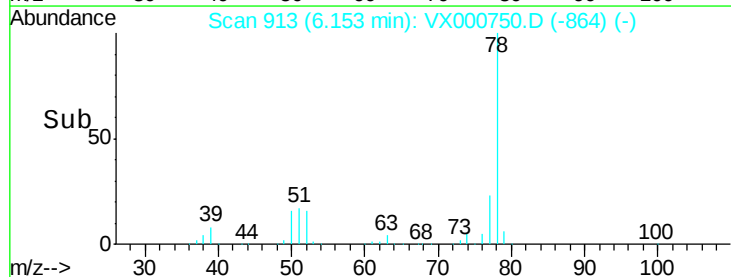
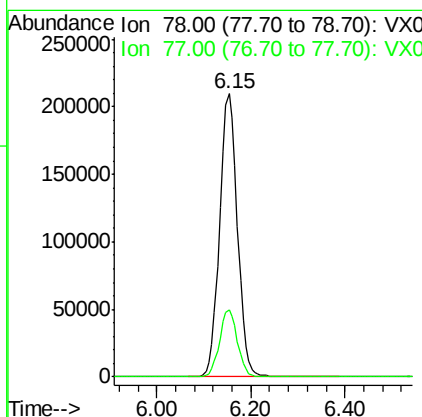
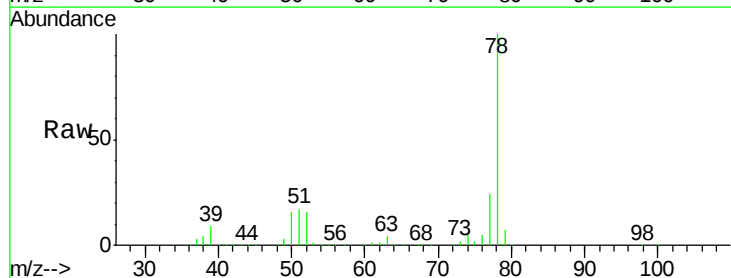
Manual Integrations
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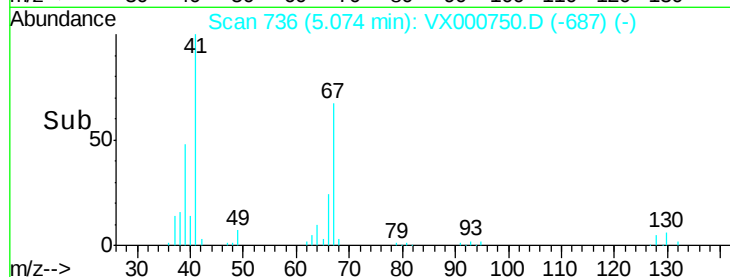
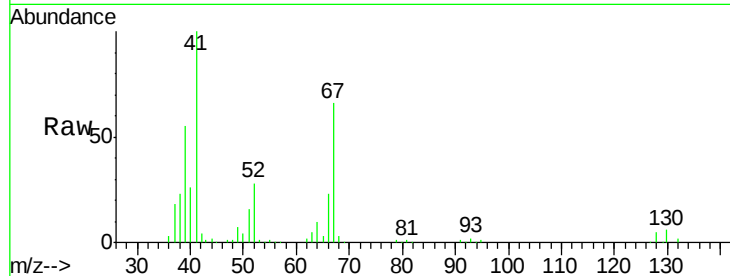
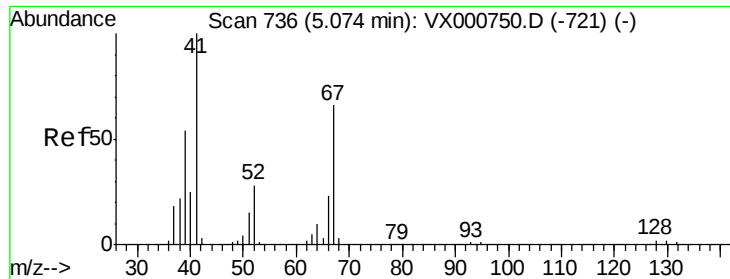
MMDadoda
4/11/2018 11:20:43 AM



#40
Benzene
Concen: 50.00 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

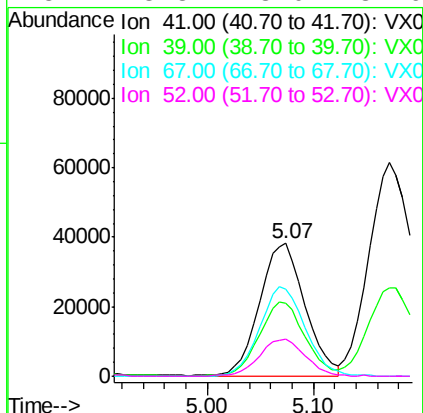
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	549037		
77	23.8		19.0	28.6





#41
Methacrylonitrile
Concen: 50.00 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

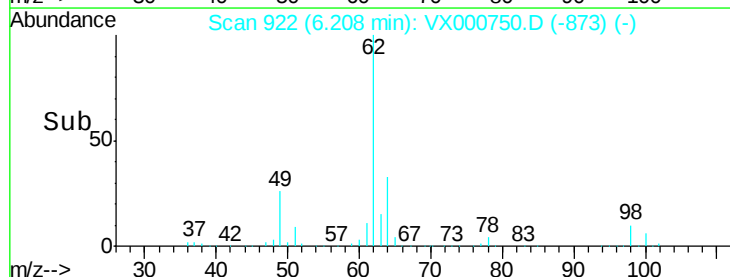
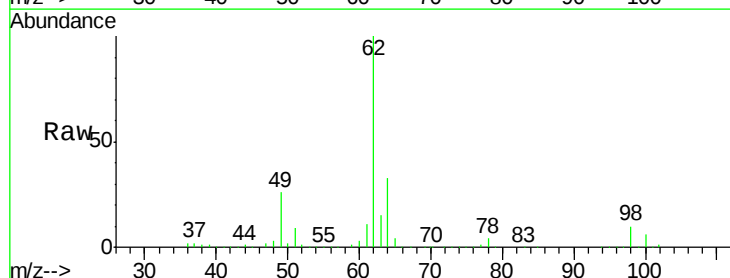
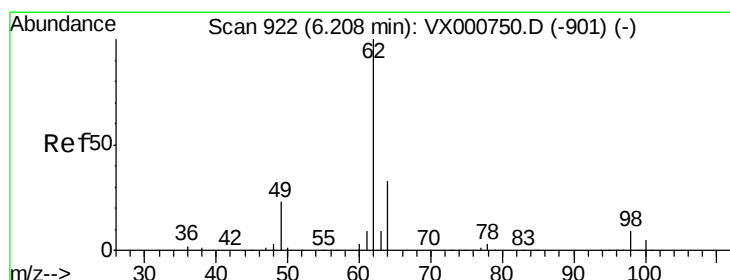
Tot Ion	41	Resp	112722
Ion Ratio	Lower	Upper	
41	100		
39	56.1	44.9	67.3
67	68.4	54.7	82.1
52	28.8	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

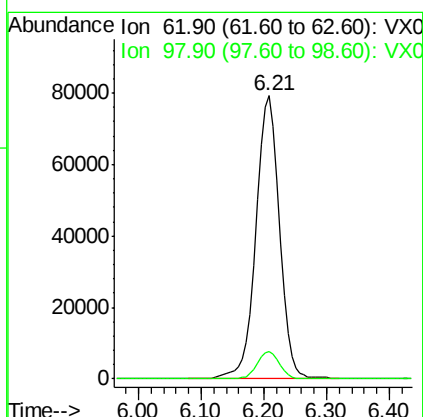
Manual Integrations
APPROVED

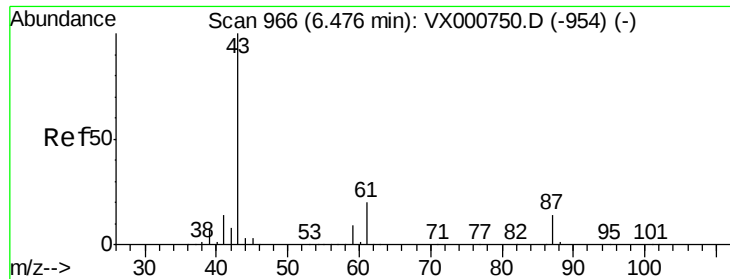
MMDadoda
4/11/2018 11:20:43 AM



#42
1,2-Dichloroethane
Concen: 50.00 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	62	Resp	205583
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.6





#43

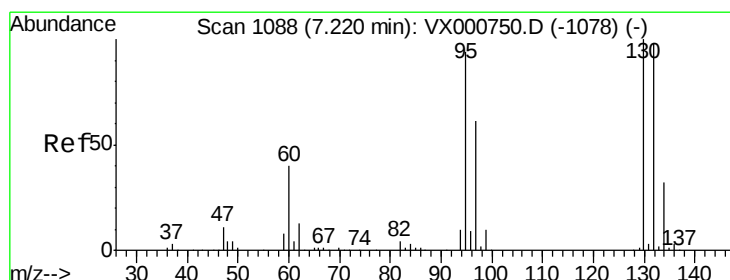
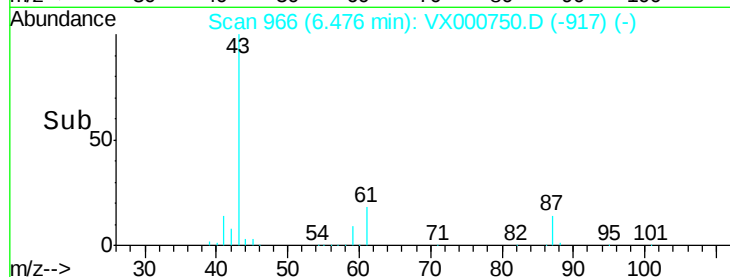
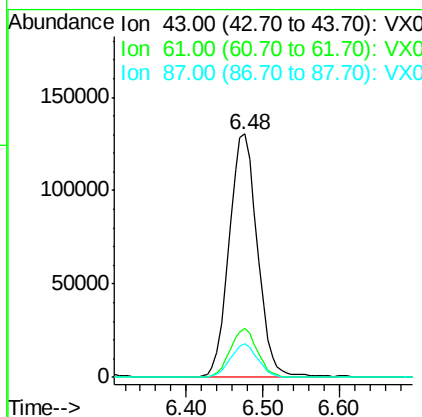
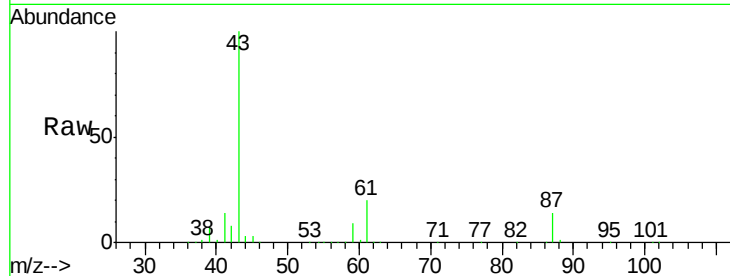
Isopropyl Acetate
 Concen: 50.00 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.4	10.7	16.1

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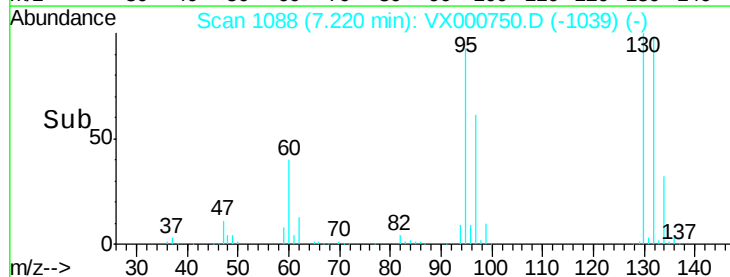
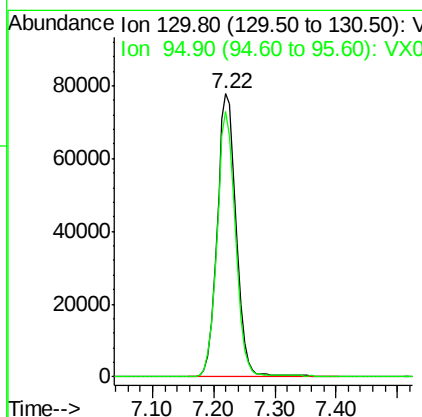
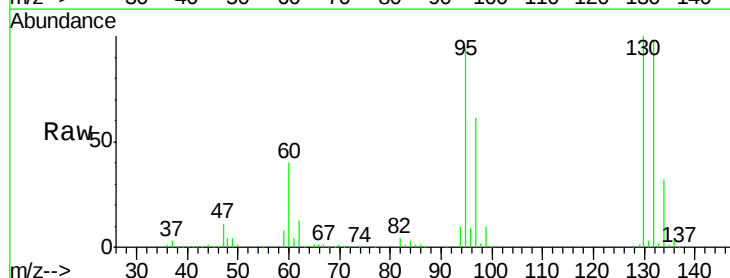
MMDadoda
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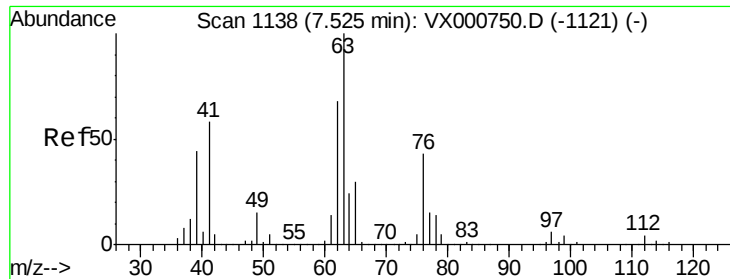


#44

Trichloroethene
 Concen: 50.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	187.0





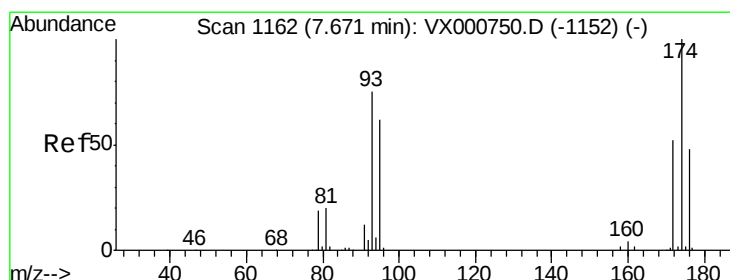
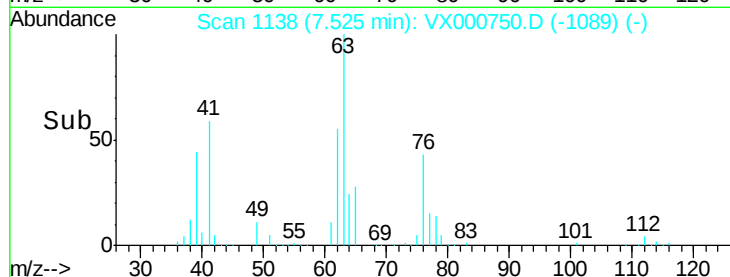
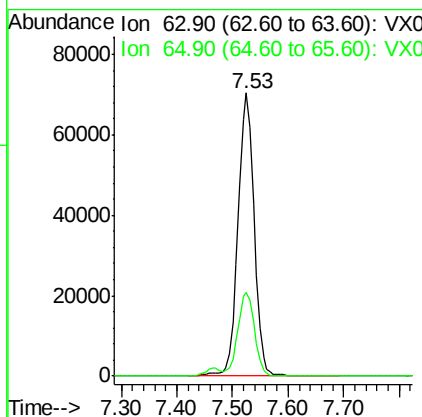
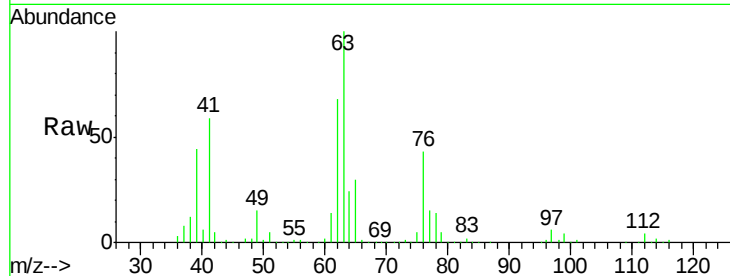
#45
 1,2-Dichloropropane
 Concen: 50.00 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 142023
 Ion Ratio Lower Upper
 63 100
 65 29.6 23.7 35.5

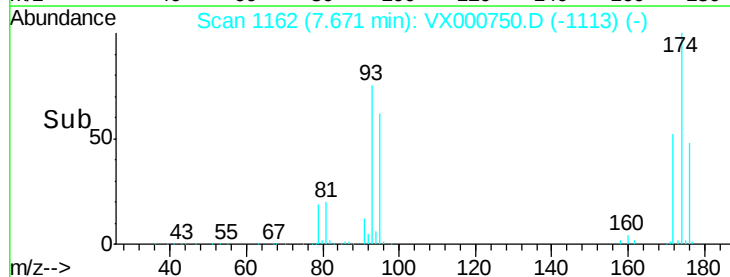
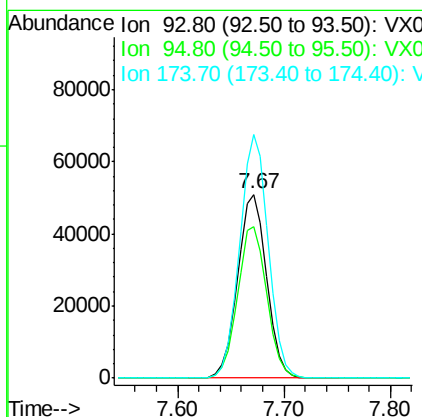
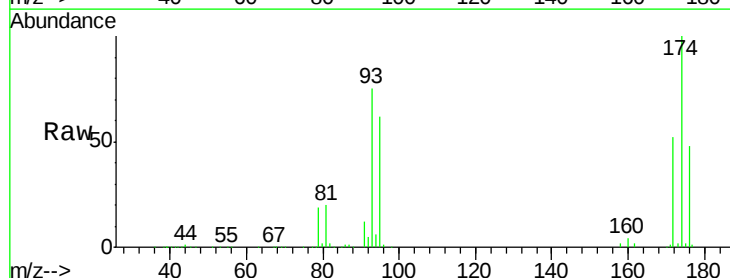
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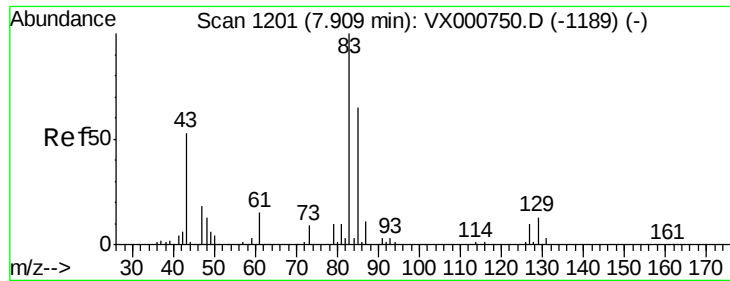
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 4/11/2018 11:20:43 AM



#46
 Dibromomethane
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion: 93 Resp: 97498
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 130.6 104.5 156.7





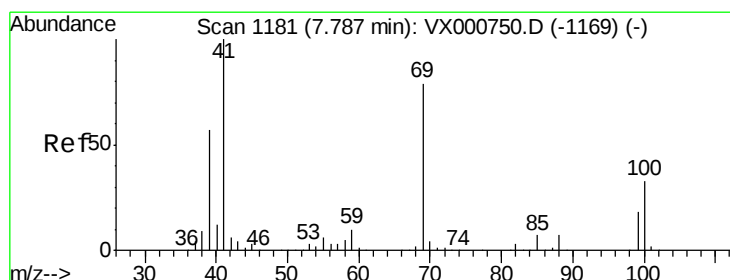
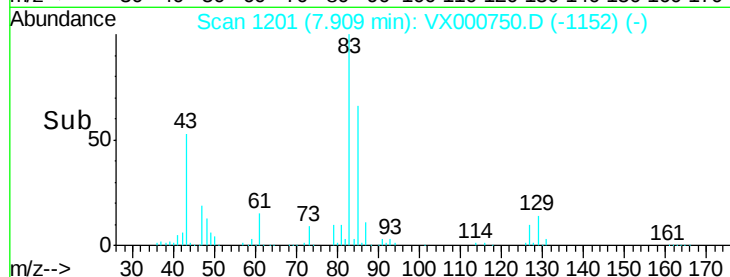
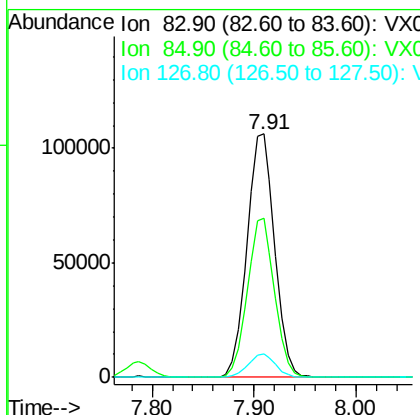
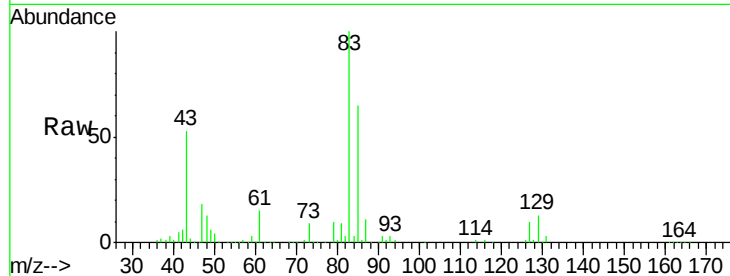
#47
 Bromodichloromethane
 Concen: 50.00 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	83	Resp	200564
Ion Ratio	100	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	9.8	7.8	11.8

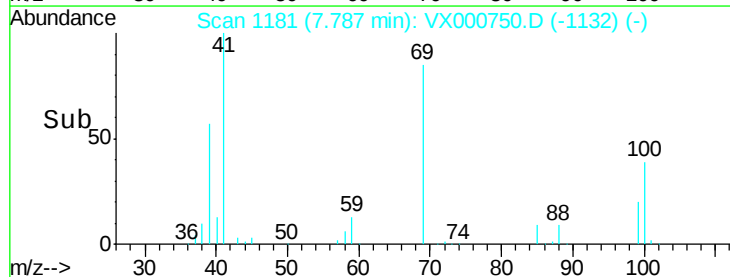
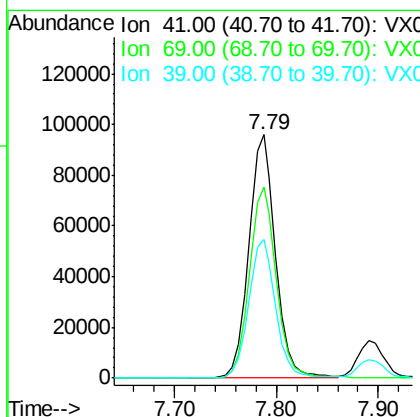
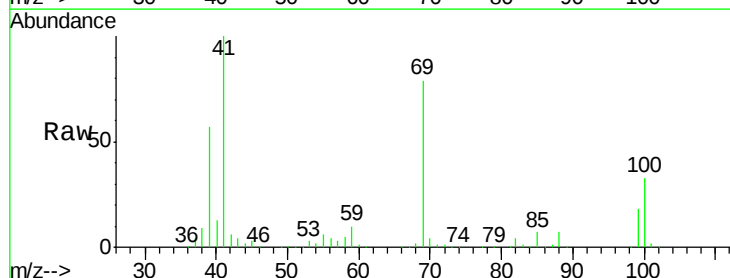
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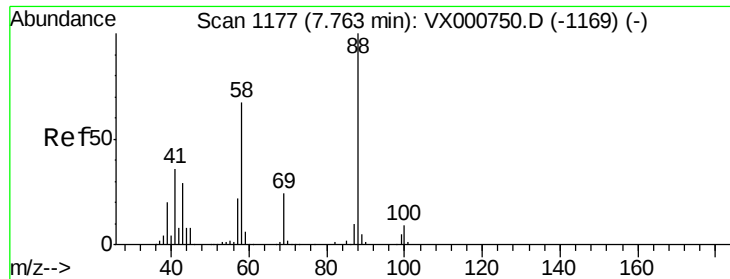
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#48
 Methyl methacrylate
 Concen: 50.00 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	41	Resp	173600
Ion Ratio	100	Lower	Upper
41	100		
69	79.9	63.9	95.9
39	57.4	45.9	68.9





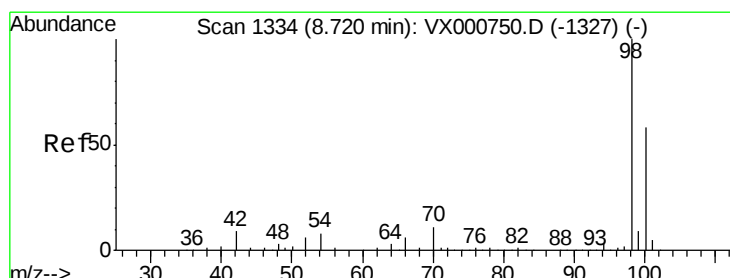
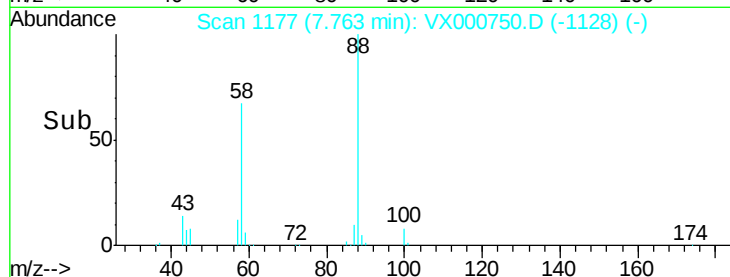
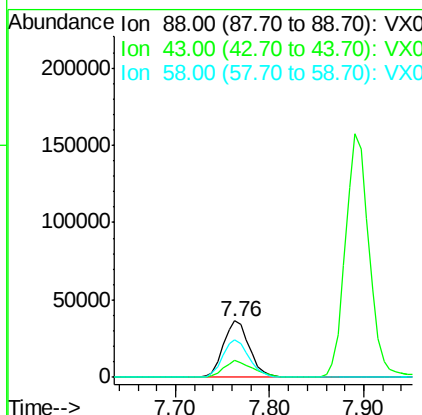
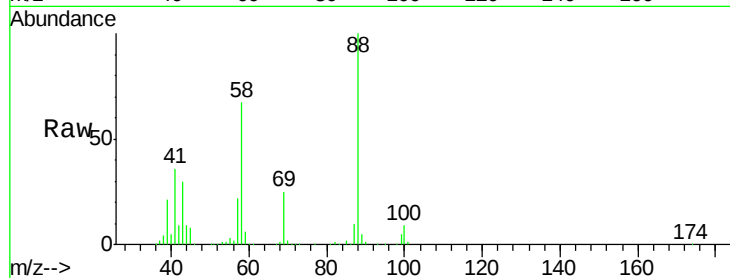
#49
1,4-Dioxane
Concen: 1000.00 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	68.0	54.4	81.6

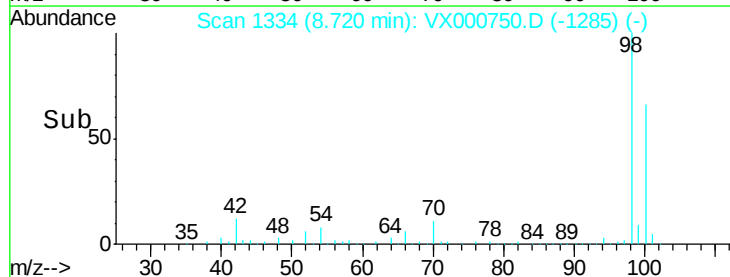
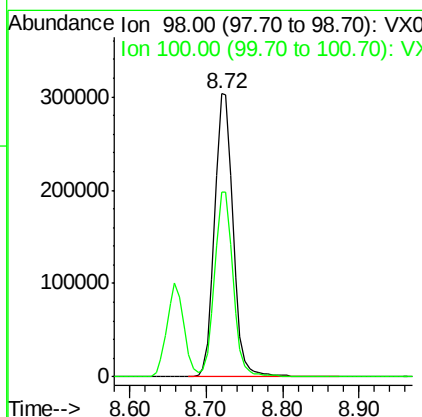
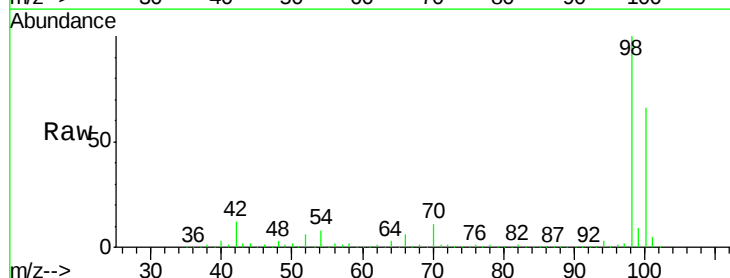
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#50
Toluene-d8
Concen: 50.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 250.00 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 993236

Ion Ratio Lower Upper

43 100

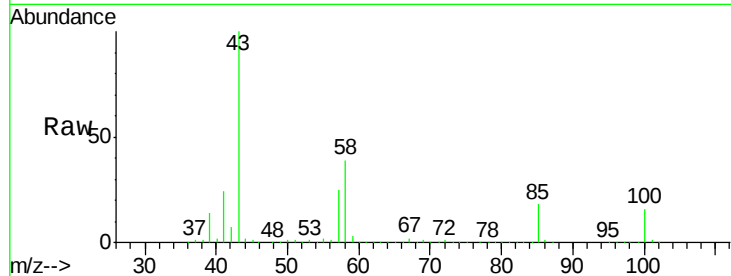
58 37.9 30.3 45.5

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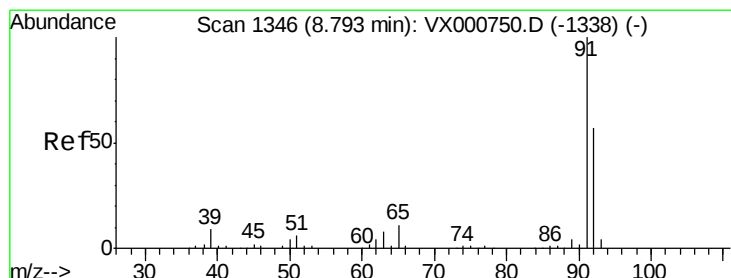
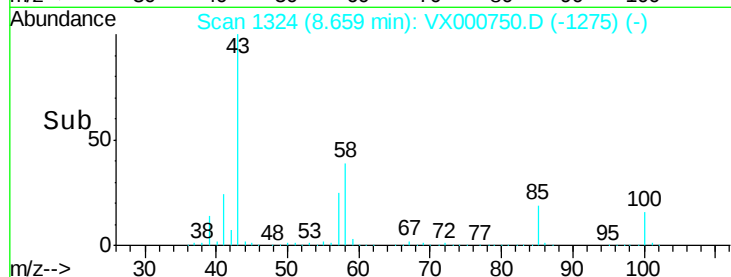
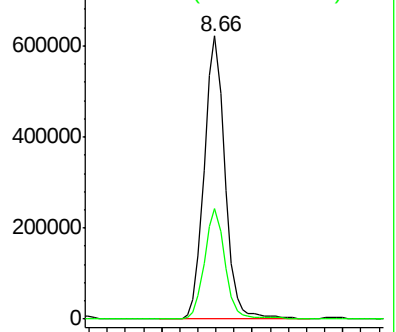
MMDadoda

4/11/2018 11:20:43 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000750.D

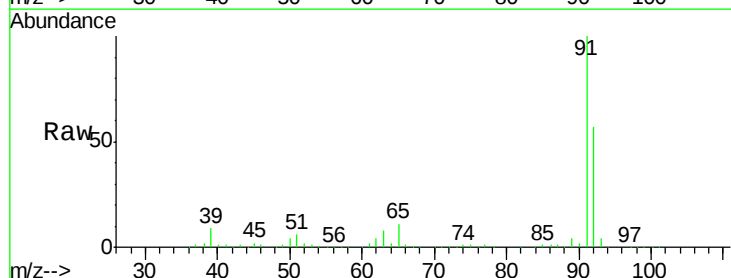
Acq: 10 Apr 2018 14:37

Tgt Ion: 92 Resp: 362119

Ion Ratio Lower Upper

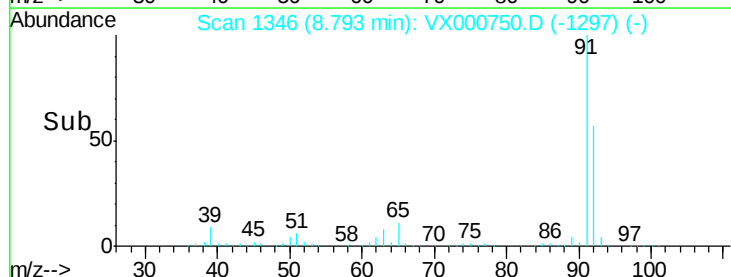
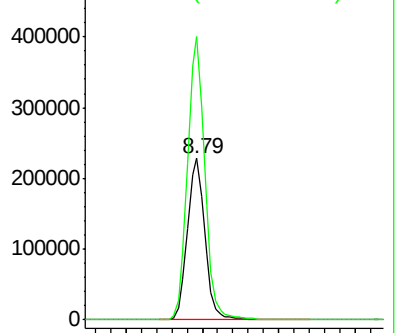
92 100

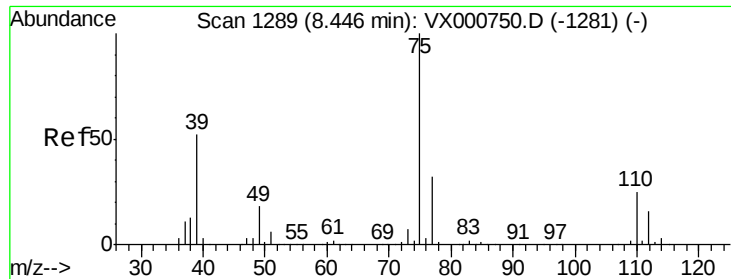
91 173.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





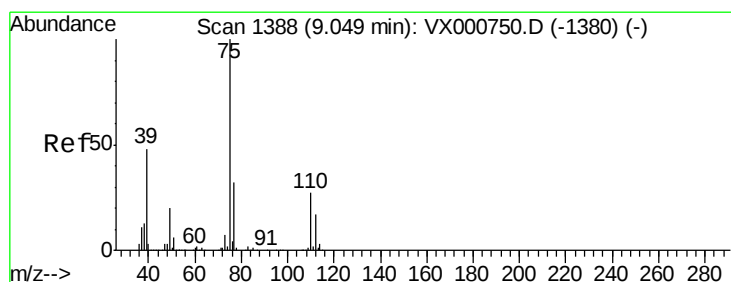
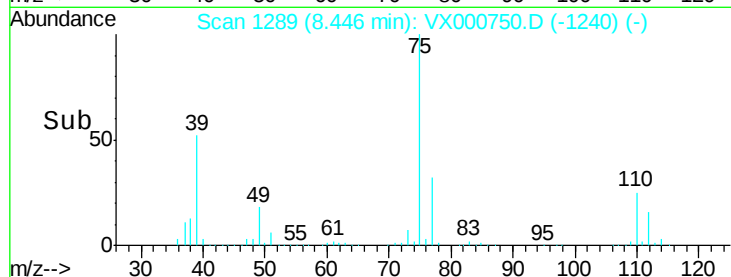
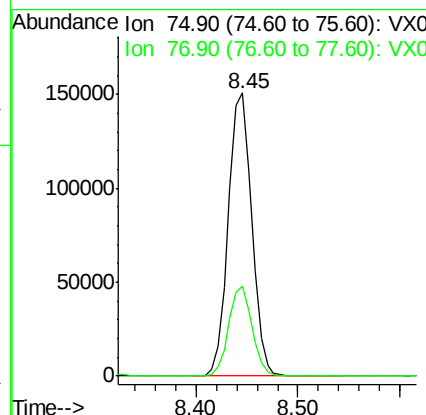
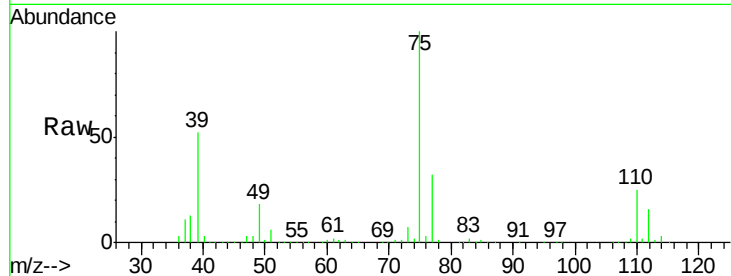
#53
t-1,3-Dichloropropene
Concen: 50.00 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

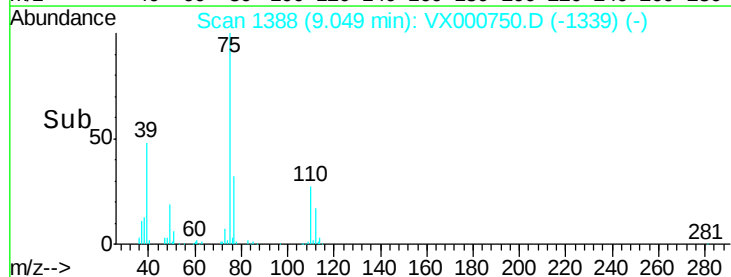
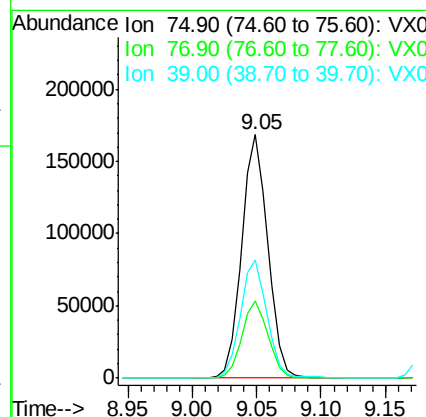
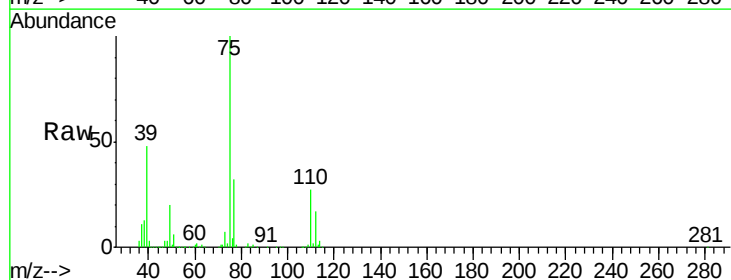
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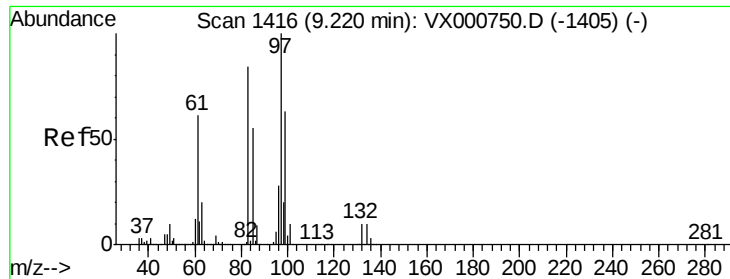
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#54
cis-1,3-Dichloropropene
Concen: 50.00 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	48.3	38.6	58.0





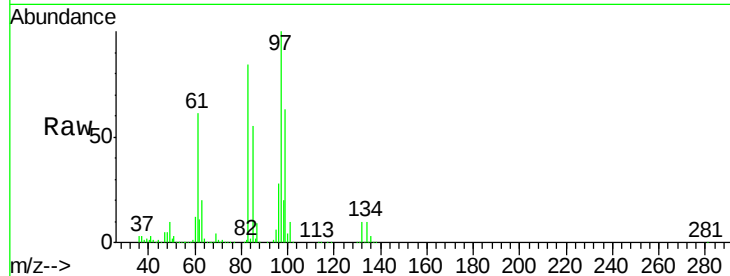
#55
 1,1,2-Trichloroethane
 Concen: 50.00 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

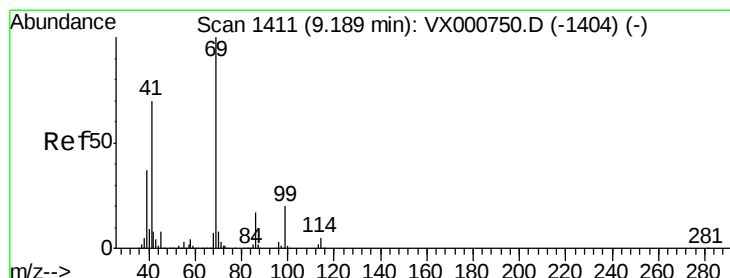
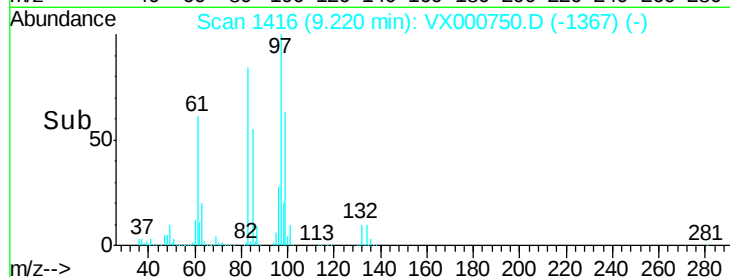
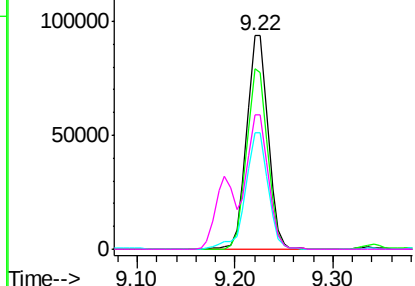
Tot Ion:	97	Resp:	142998
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.6	101.4
85	54.7	43.8	65.6
99	62.8	50.2	75.4

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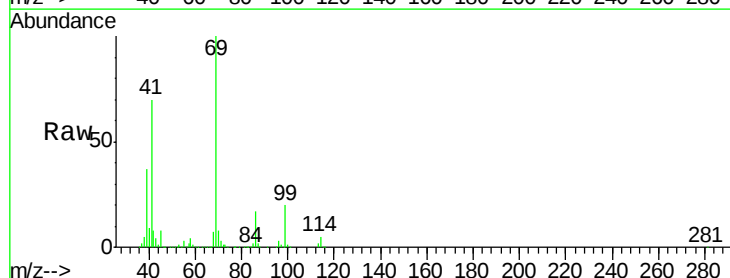


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

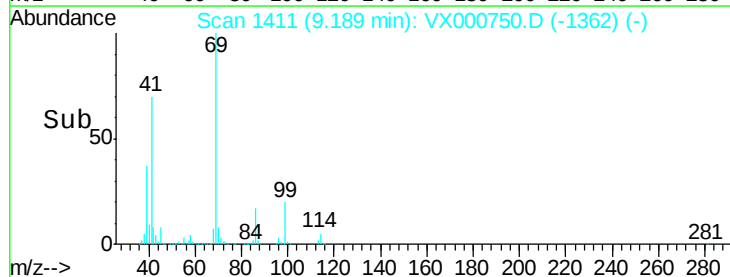
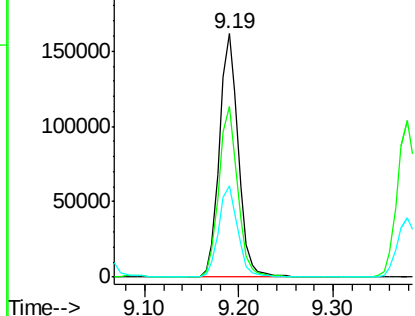


#56
 Ethyl methacrylate
 Concen: 50.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion:	69	Resp:	225756
Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.6	83.4
39	37.9	30.3	45.5



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 234110

Ion Ratio Lower Upper

76 100

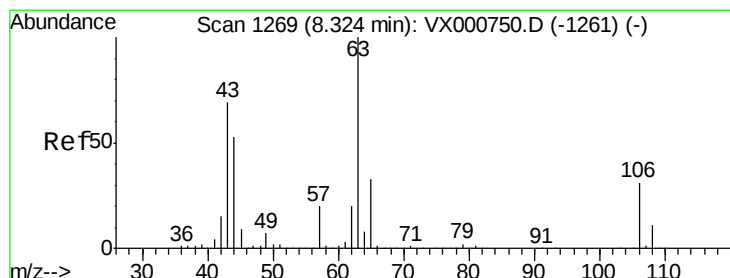
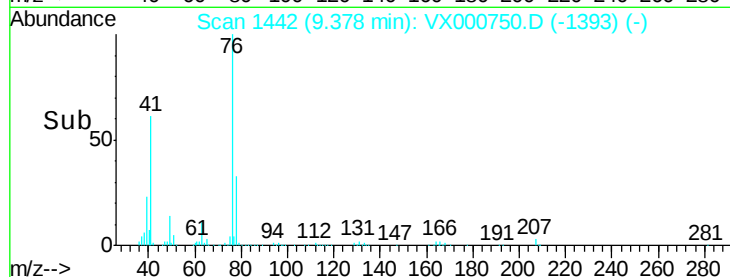
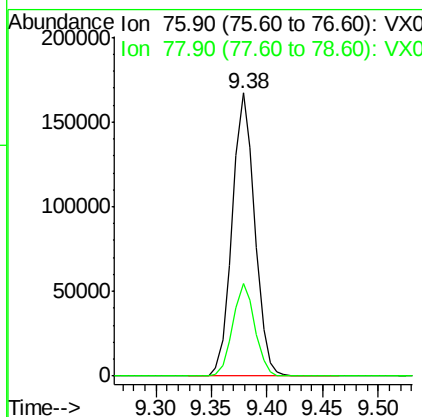
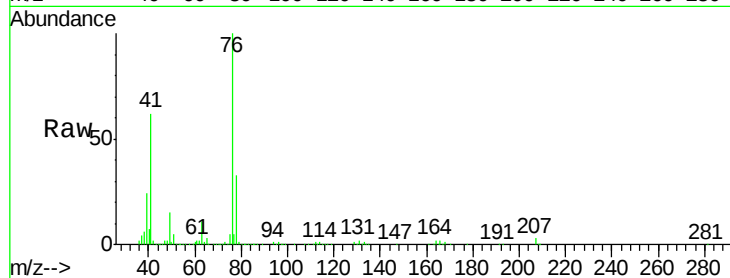
78 32.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 250.00 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000750.D

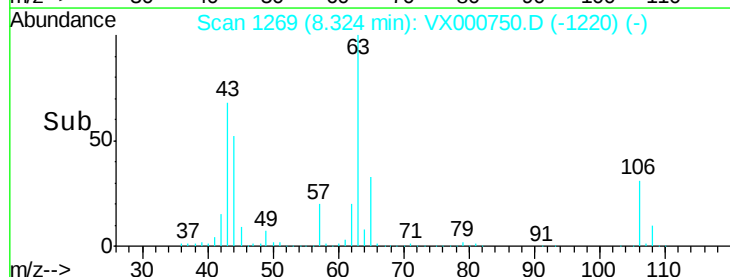
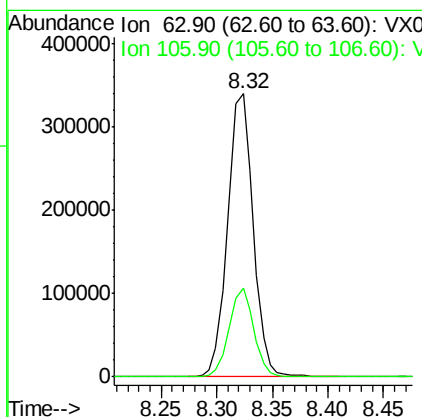
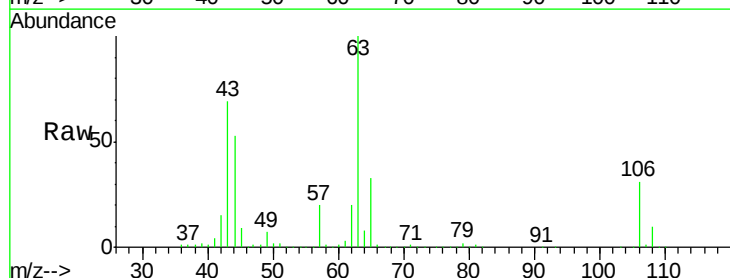
Acq: 10 Apr 2018 14:37

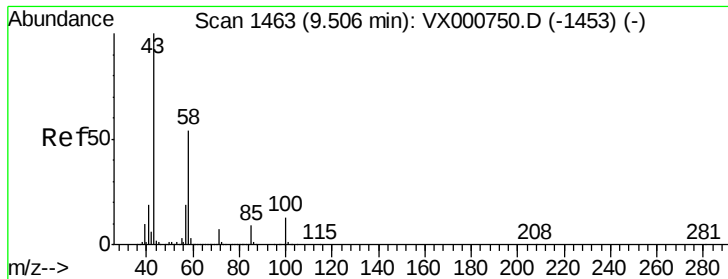
Tgt Ion: 63 Resp: 539901

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





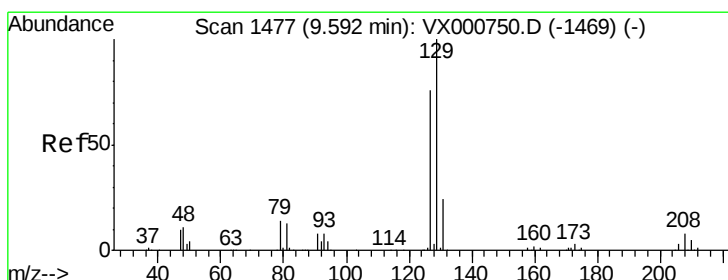
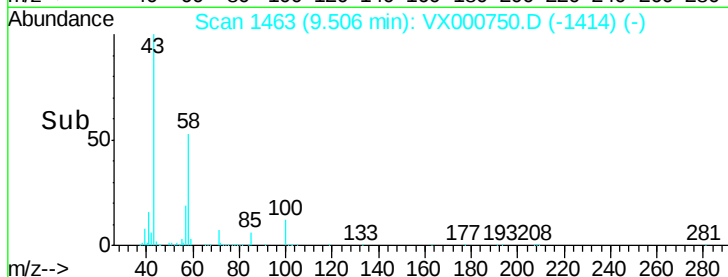
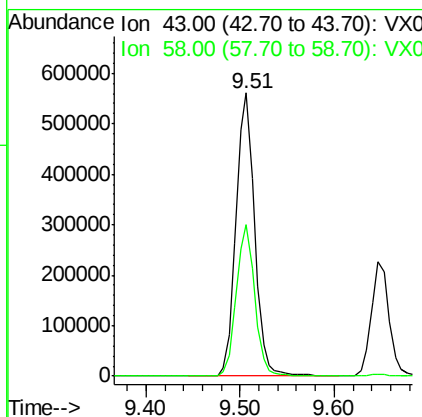
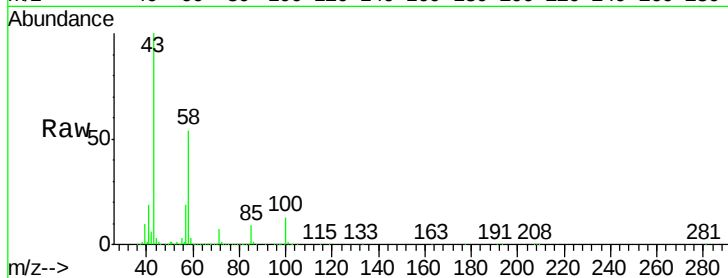
#59
2-Hexanone
Concen: 250.00 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 770021
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

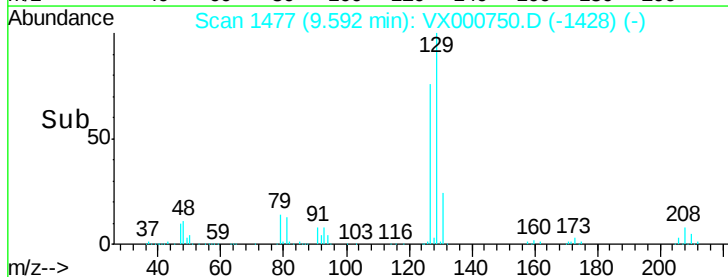
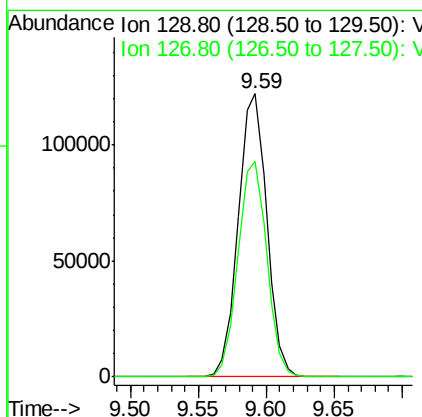
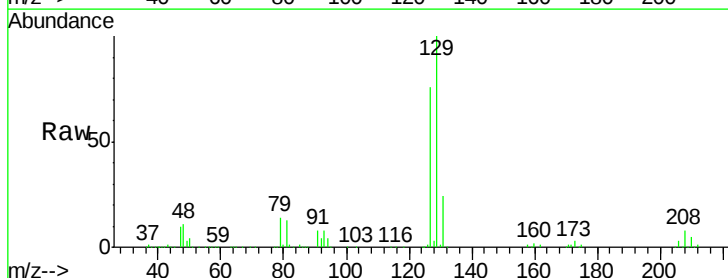
Manual Integrations
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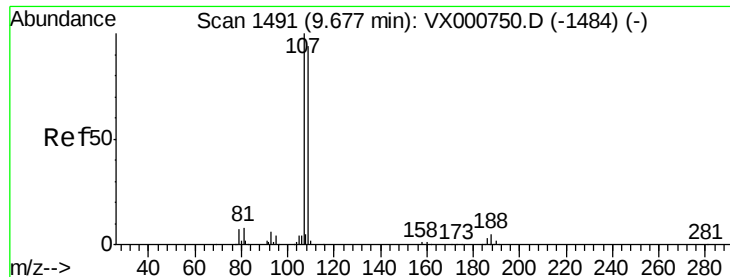
MMDadoda
4/11/2018 11:20:43 AM



#60
Dibromochloromethane
Concen: 50.00 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion: 129 Resp: 178985
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.00 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 155840

Ion Ratio Lower Upper

107 100

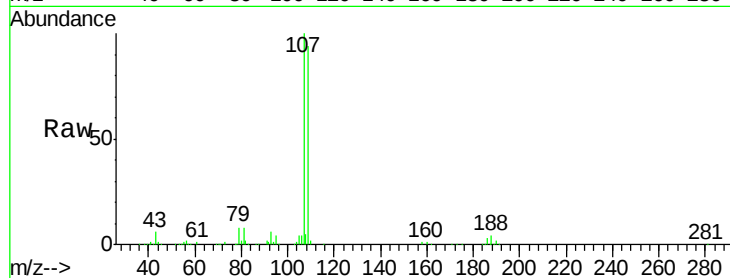
109 95.3 76.2 114.4

Manual Integrations

APPROVED

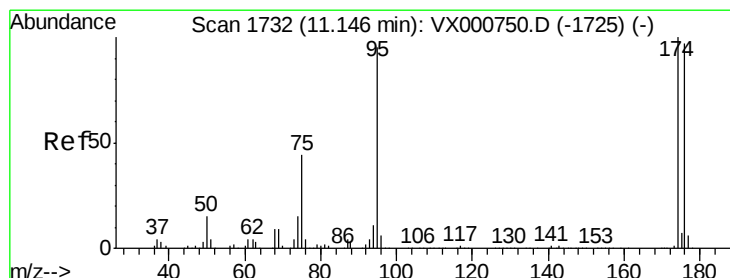
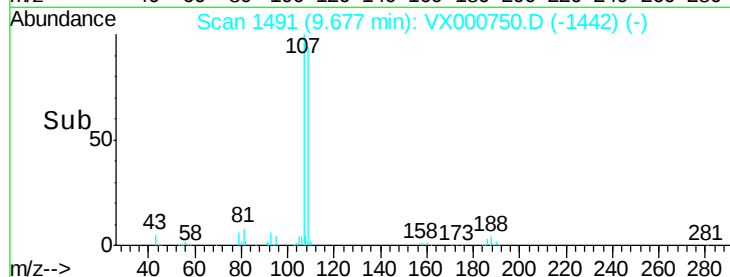
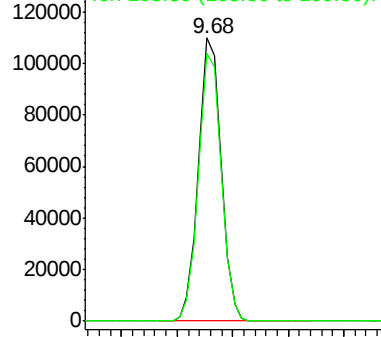
MMDadoda

4/11/2018 11:20:43 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.00 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

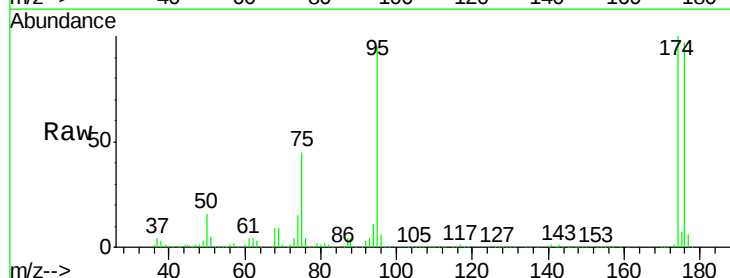
Tgt Ion: 95 Resp: 205573

Ion Ratio Lower Upper

95 100

174 99.2 0.0 198.4

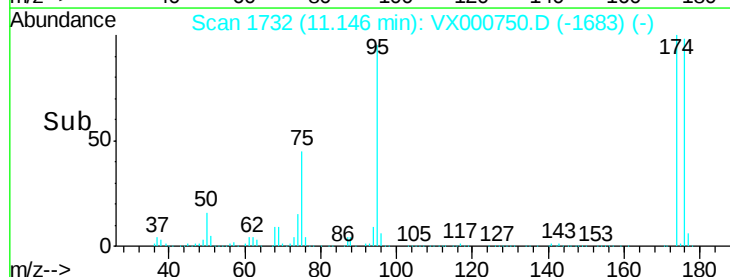
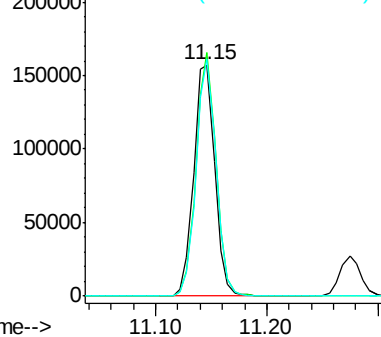
176 97.2 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





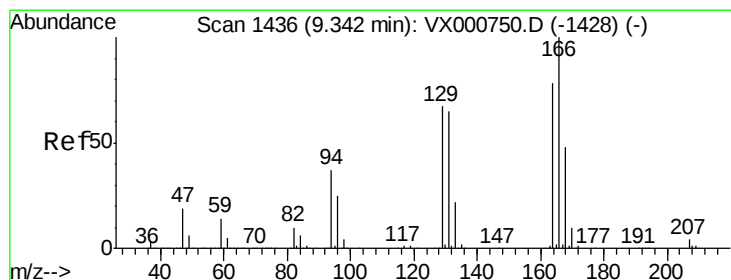
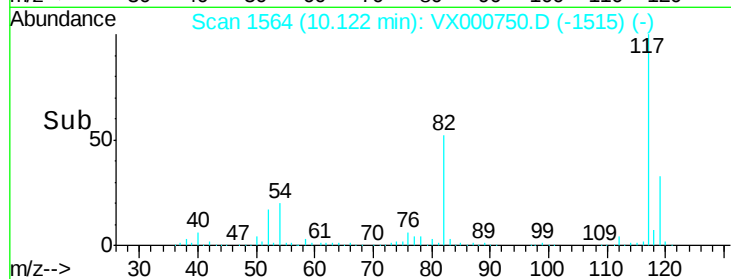
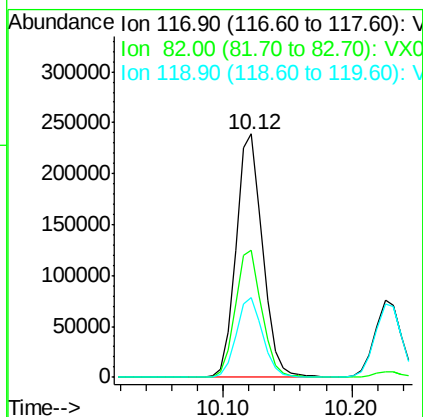
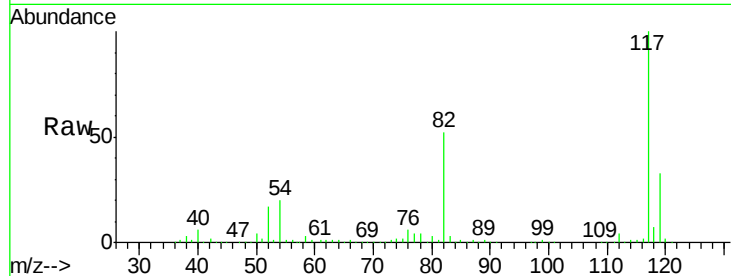
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.9	62.9
119	32.5	26.0	39.0

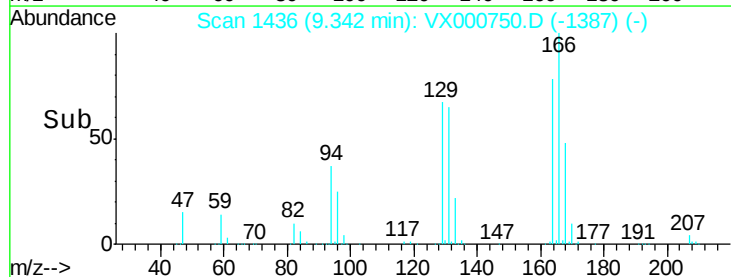
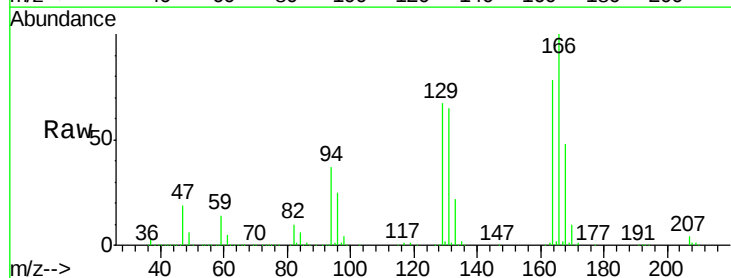
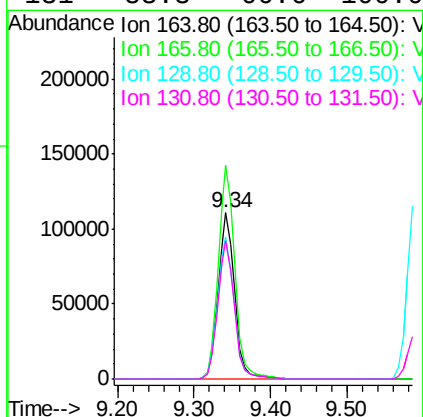
Manual Integrations
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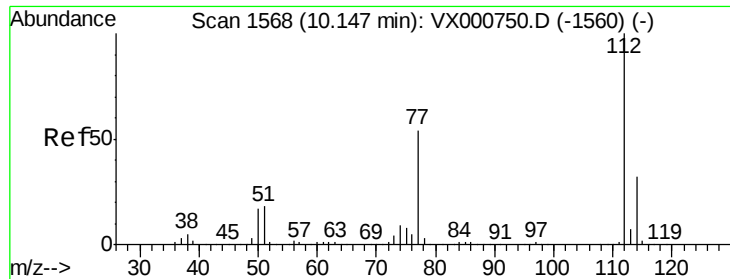
MMDadoda
4/11/2018 11:20:43 AM



#64
Tetrachloroethene
Concen: 50.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.8	154.2
129	85.6	68.5	102.7
131	83.3	66.6	100.0





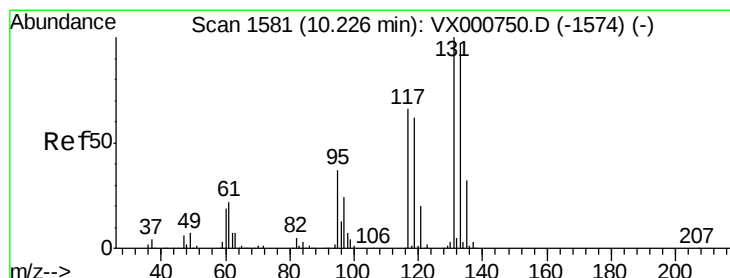
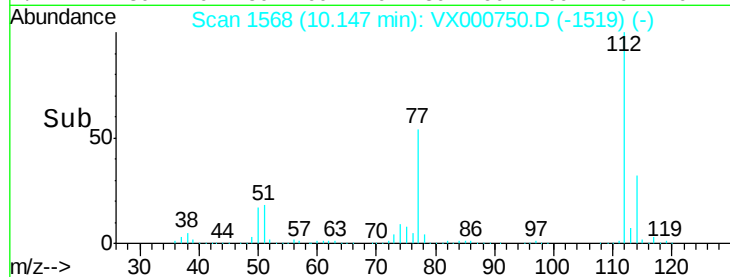
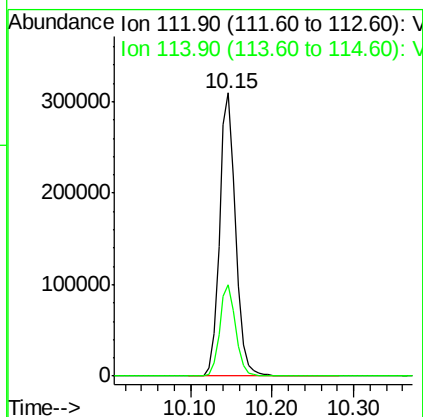
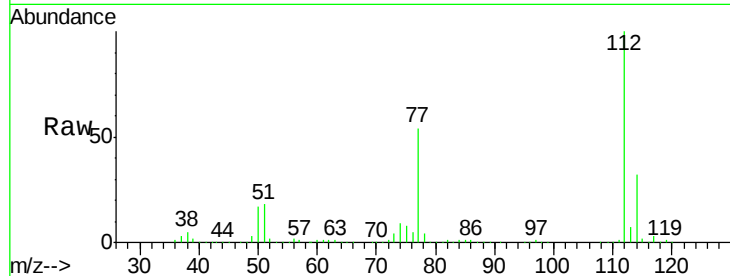
#65
Chlorobenzene
Concen: 50.00 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 426747
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

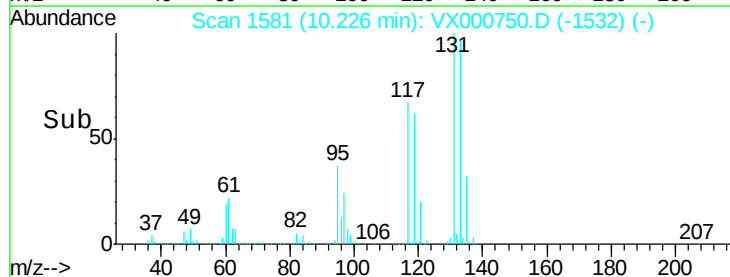
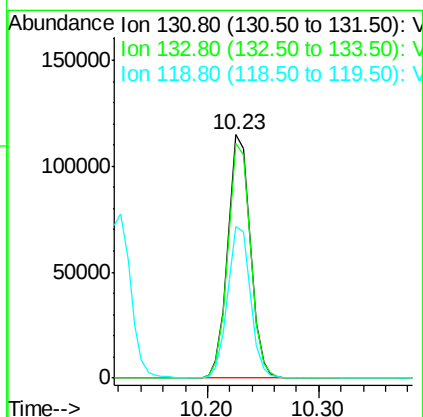
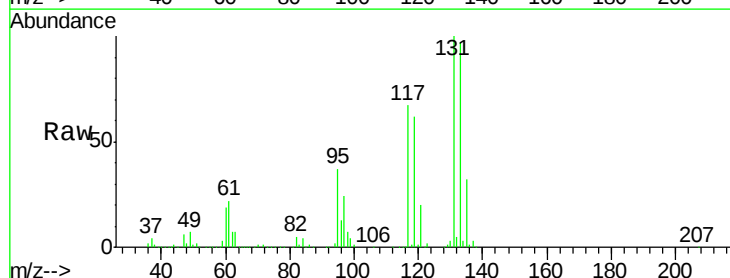
Manual Integrations
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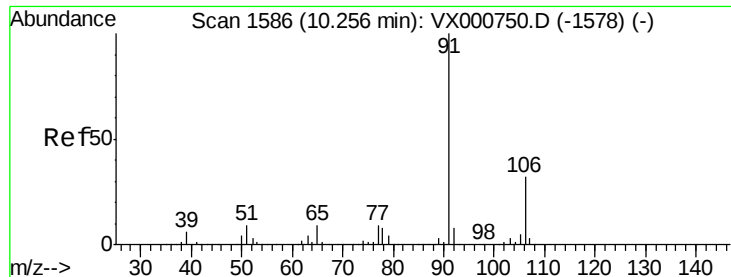
MMDadoda
4/11/2018 11:20:43 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion:131 Resp: 161921
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 62.7 31.4 94.0





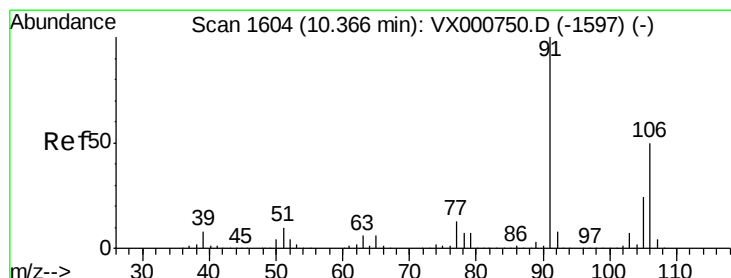
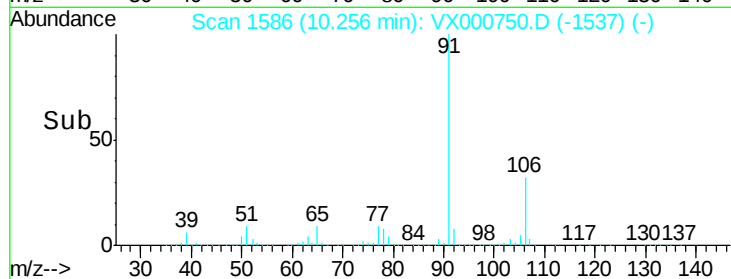
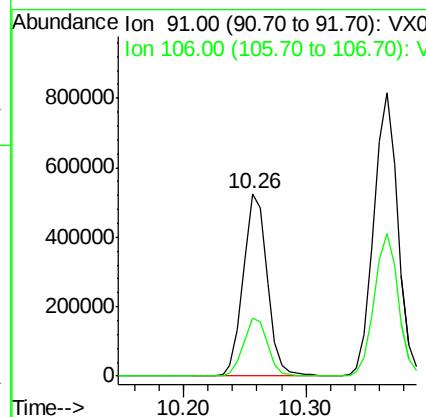
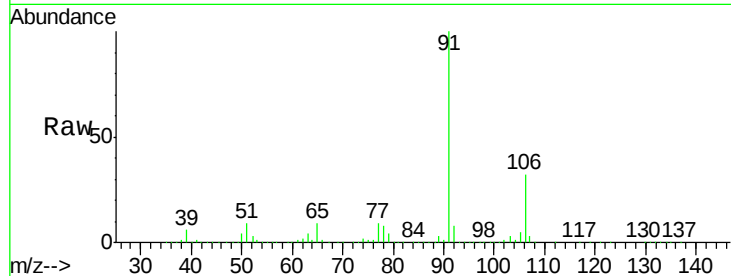
#67
Ethyl Benzene
Concen: 50.00 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 711863
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

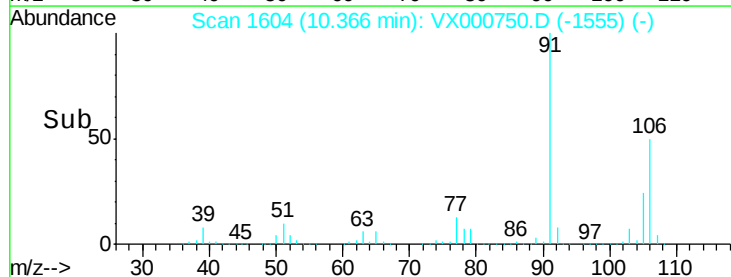
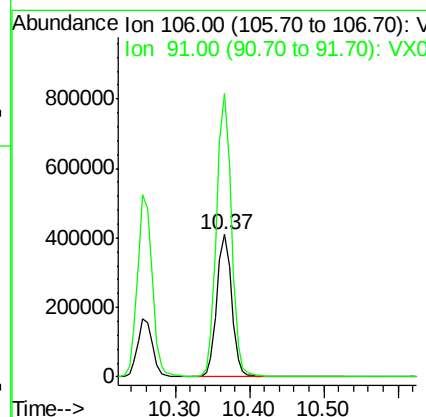
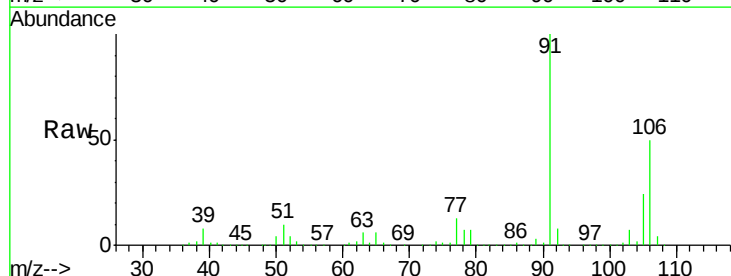
Manual Integrations
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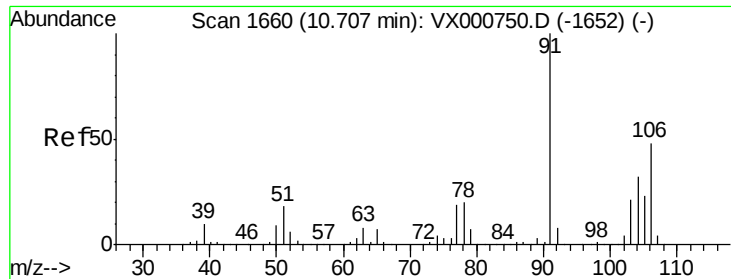
MMDadoda
4/11/2018 11:20:43 AM



#68
m/p-Xylenes
Concen: 100.00 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion: 106 Resp: 562630
Ion Ratio Lower Upper
106 100
91 199.1 159.3 238.9





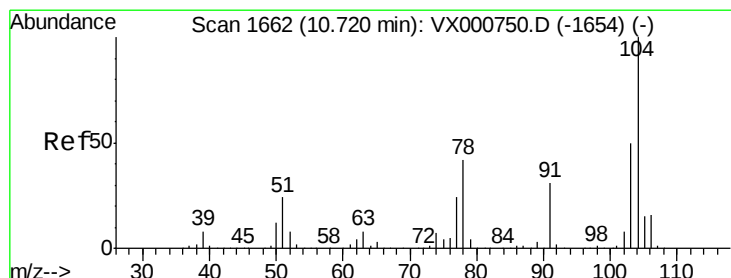
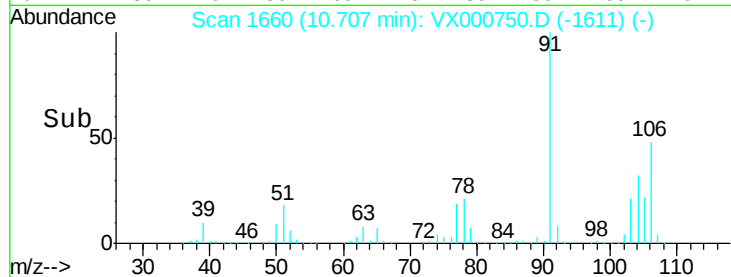
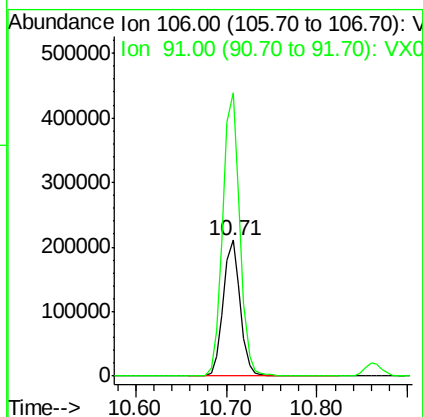
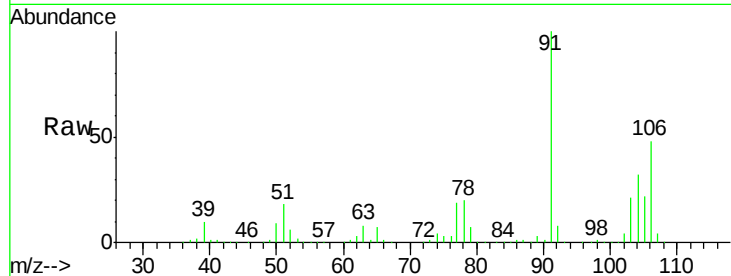
#69
o-Xylene
Concen: 50.00 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 273459
Ion Ratio Lower Upper
106 100
91 210.0 105.0 315.0

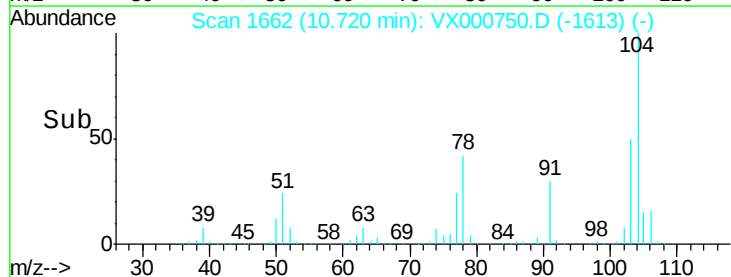
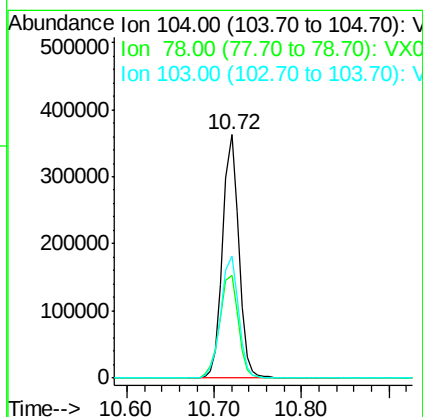
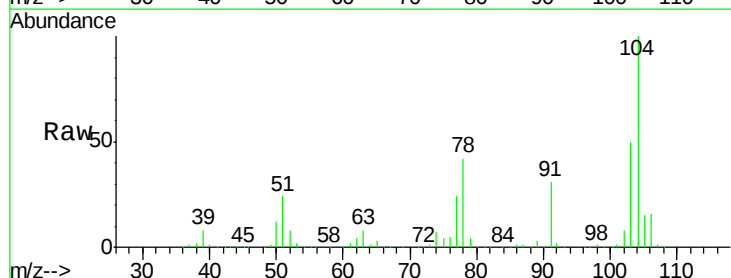
Manual Integrations
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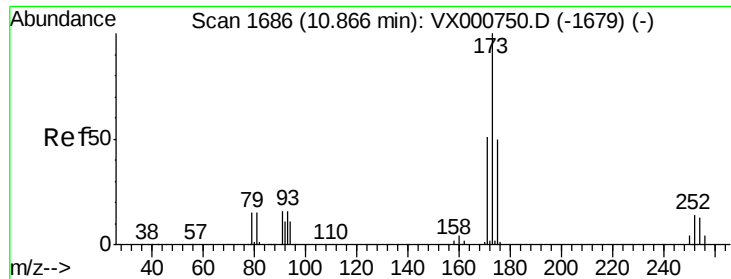
MMDadoda
4/11/2018 11:20:43 AM



#70
Styrene
Concen: 50.00 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion:104 Resp: 461372
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.1 44.1 66.1





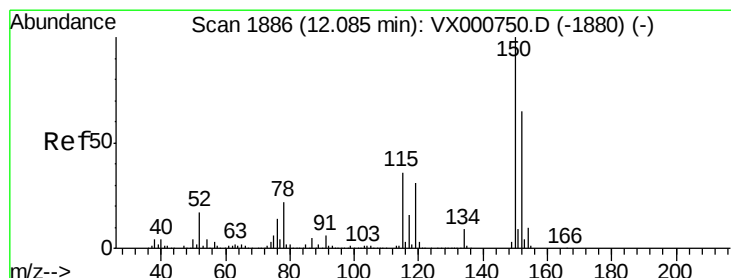
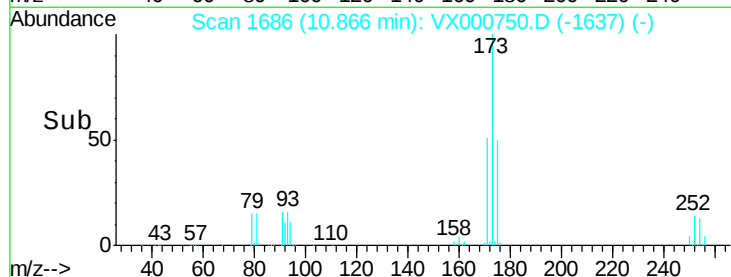
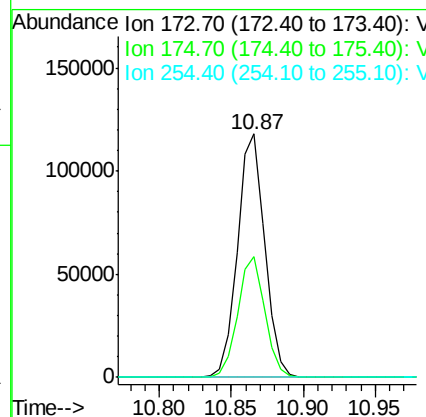
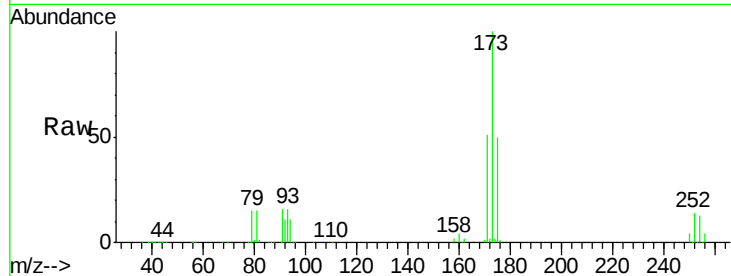
#71
Bromoform
Concen: 50.00 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.2	0.2	0.2

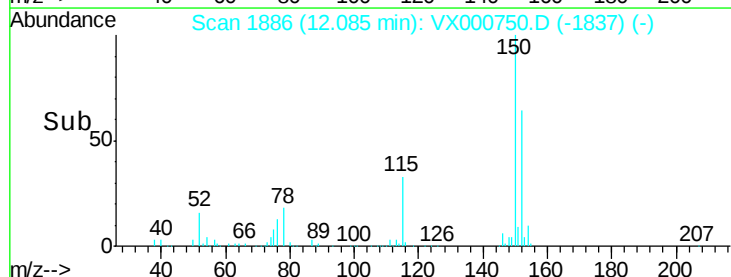
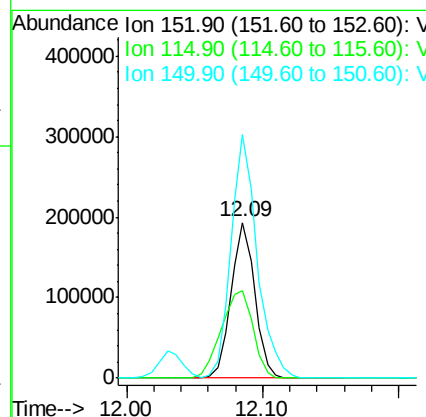
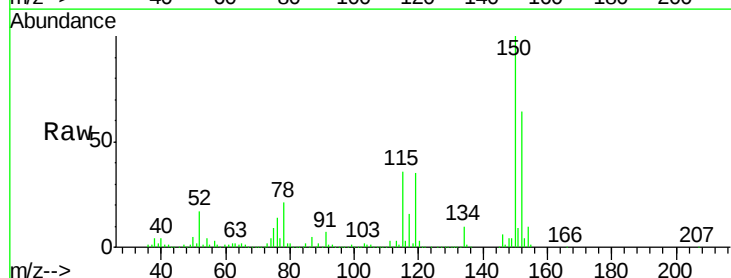
Manual Integrations
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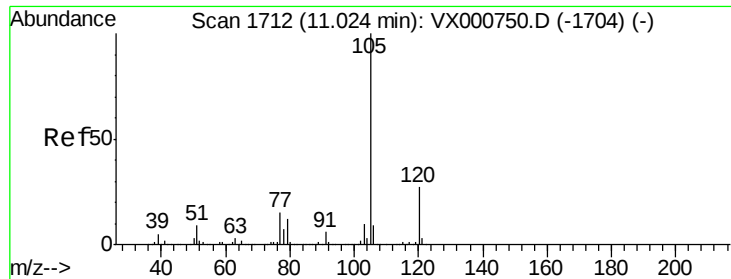
MMDadoda
4/11/2018 11:20:43 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.8	37.9	113.7
150	174.0	0.0	348.0





#73

Isopropylbenzene

Concen: 50.00 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 739708

Ion Ratio Lower Upper

105 100

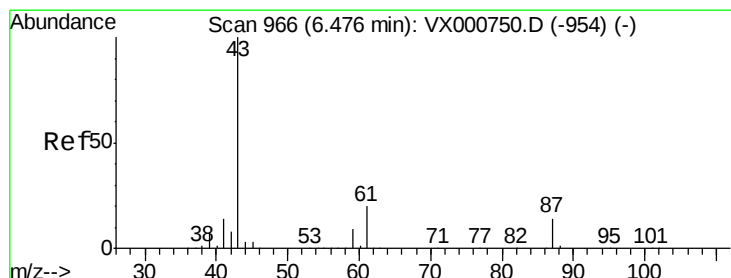
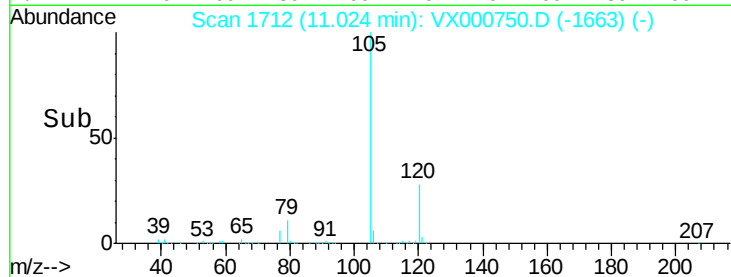
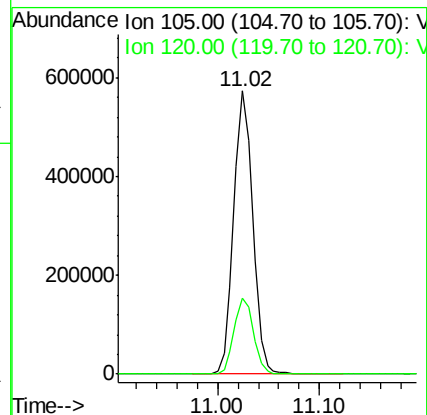
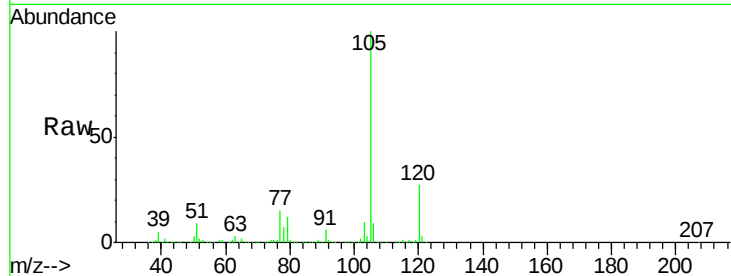
120 27.3 13.7 41.0

Manual Integrations

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MMDadoda

4/11/2018 11:20:43 AM



#74

N-ethyl acetate

Concen: 50.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion: 43 Resp: 332179

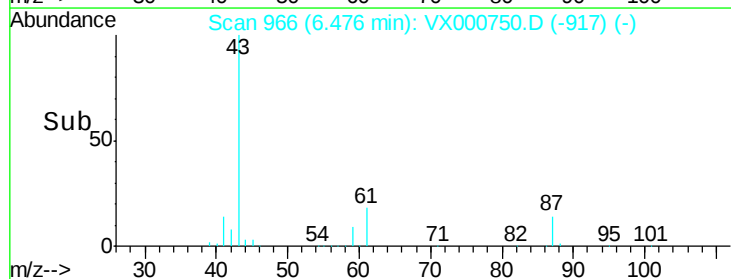
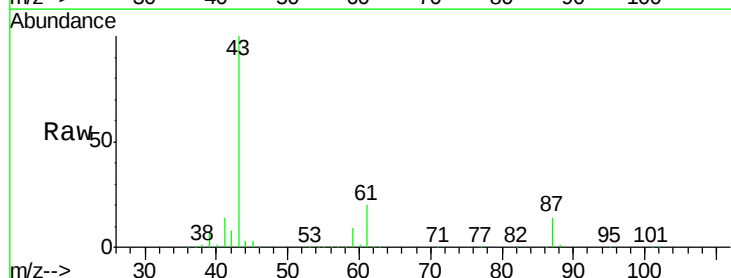
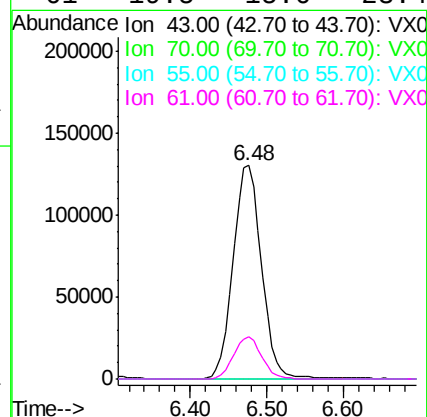
Ion Ratio Lower Upper

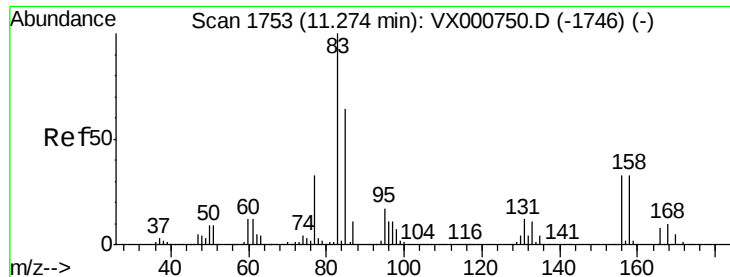
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.00 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

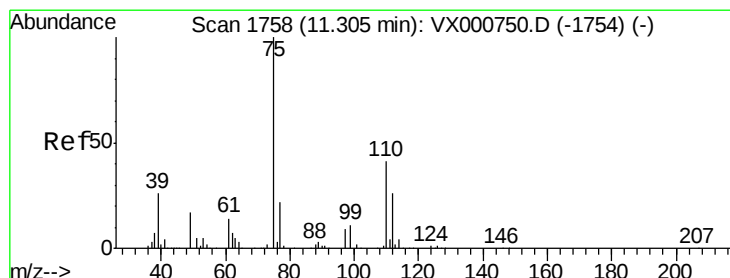
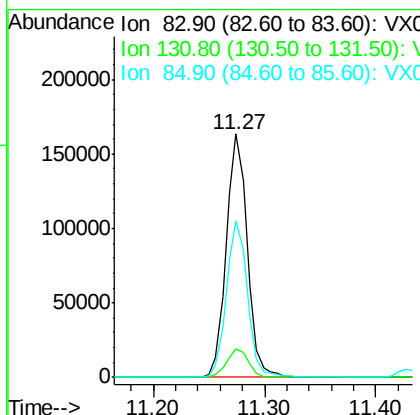
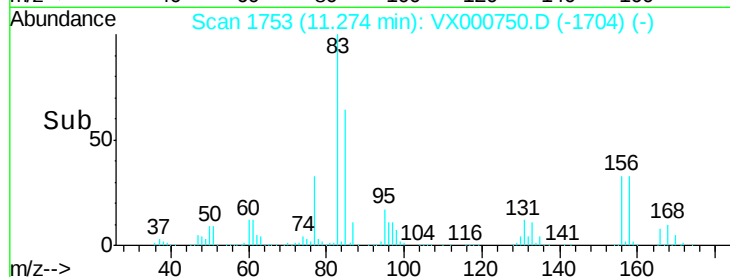
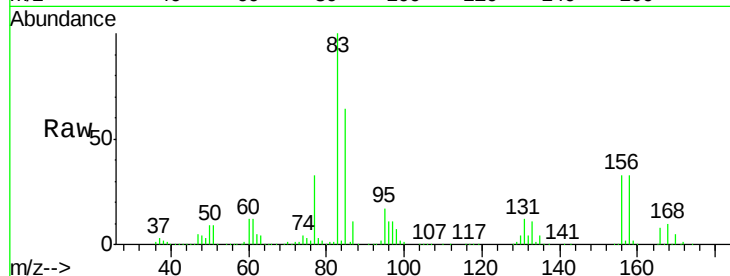
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	213307
Ion Ratio	Lower	Upper	
83	100		
131	12.0	6.0	18.0
85	64.5	32.3	96.8

Manual Integrations
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4/11/2018 11:20:43 AM



#76

1,2,3-Trichloropropane

Concen: 50.00 ug/l m

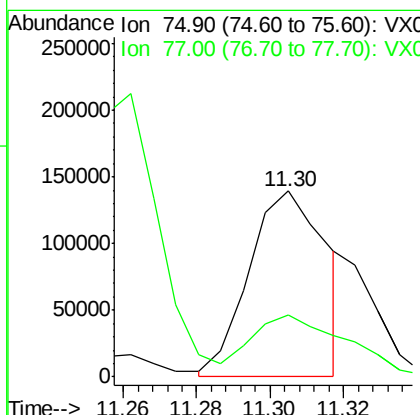
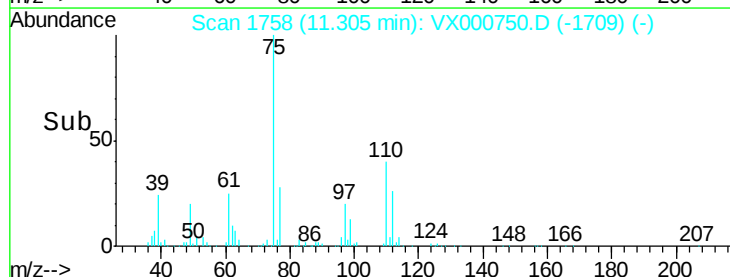
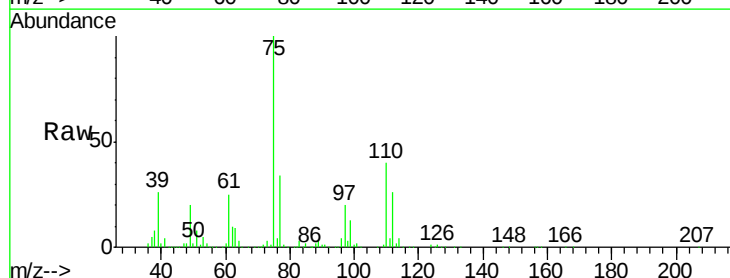
RT: 11.30 min Scan# 1758

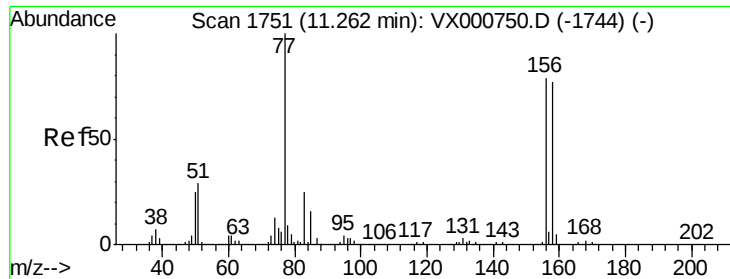
Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion:	75	Resp:	203456
Ion Ratio	Lower	Upper	
75	100		
77	41.0	20.5	61.5





#77

Bromobenzene

Concen: 50.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 213579

Ion Ratio Lower Upper

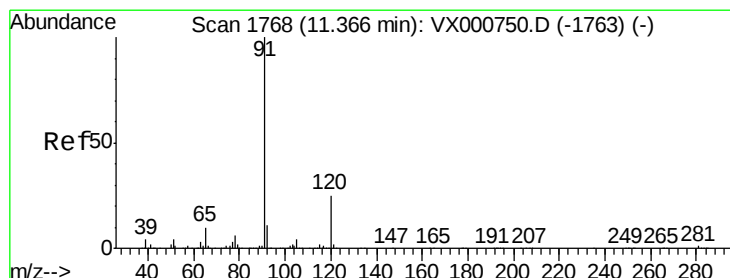
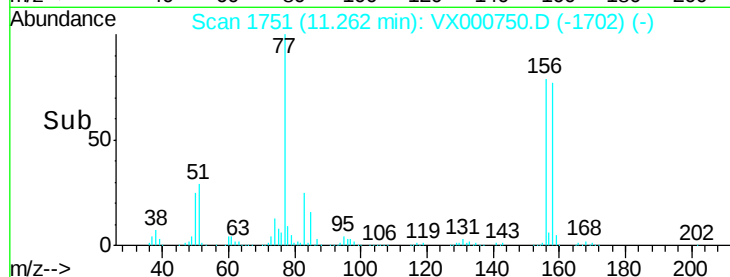
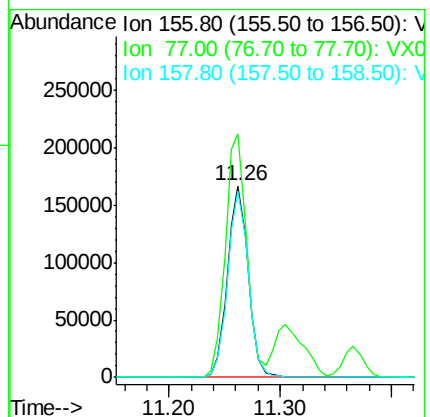
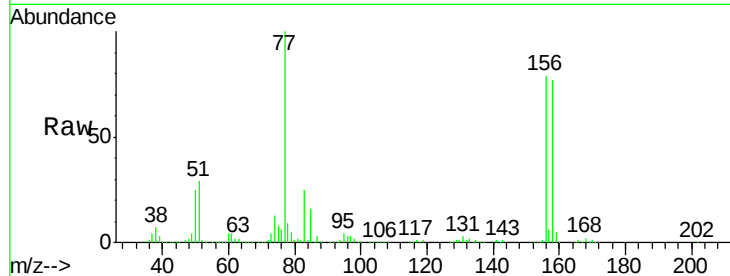
156 100

77 132.1 66.0 198.2

158 97.6 48.8 146.4

Manual Integrations
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4/11/2018 11:20:43 AM



#78

n-propylbenzene

Concen: 50.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000750.D

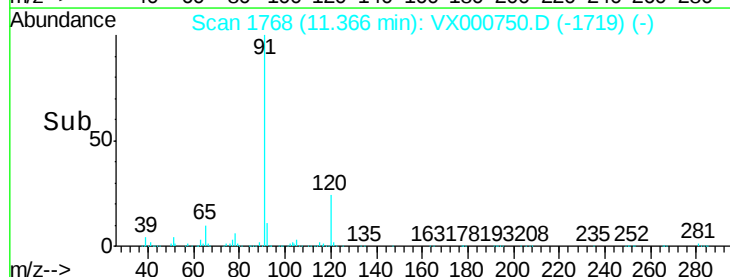
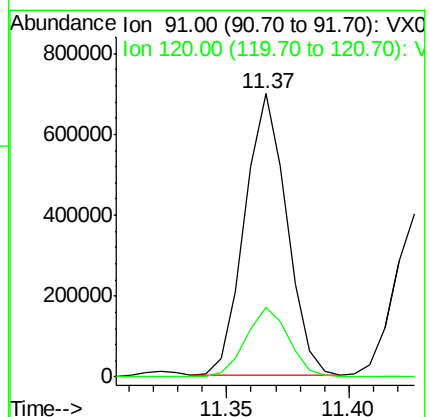
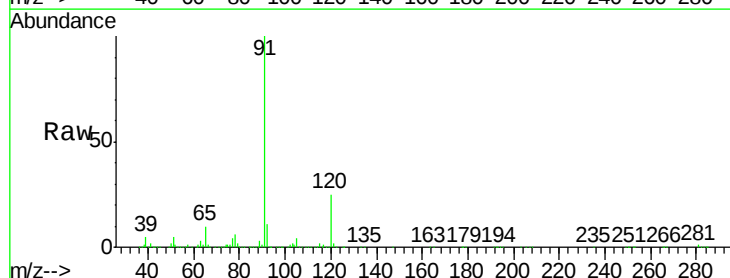
Acq: 10 Apr 2018 14:37

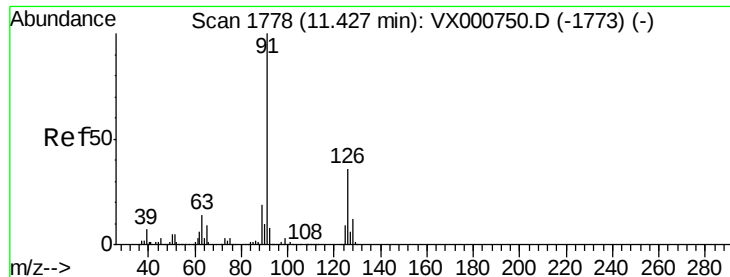
Tgt Ion: 91 Resp: 835581

Ion Ratio Lower Upper

91 100

120 25.1 12.6 37.6





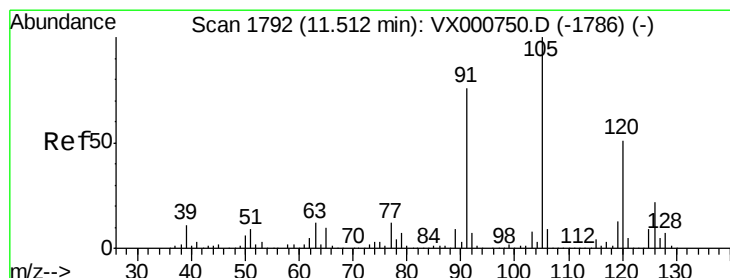
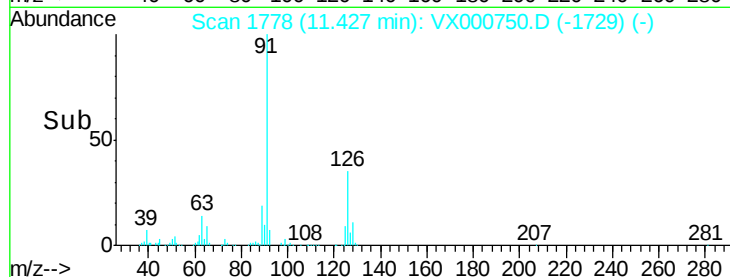
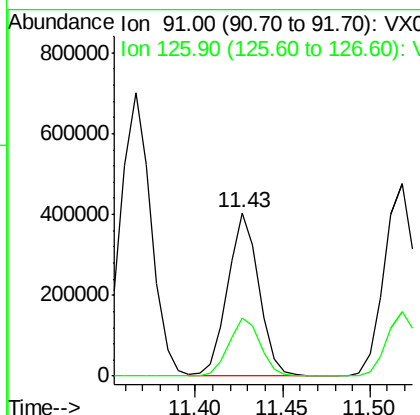
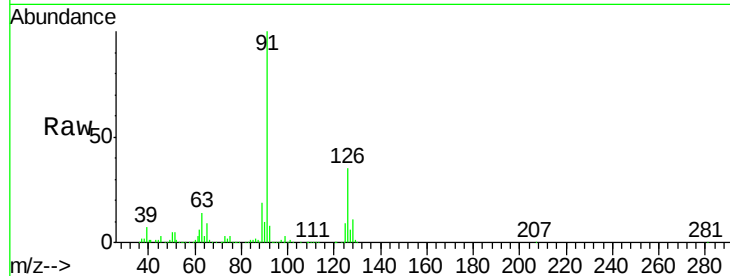
#79
 2-Chlorotoluene
 Concen: 50.00 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 496020
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.3 54.9

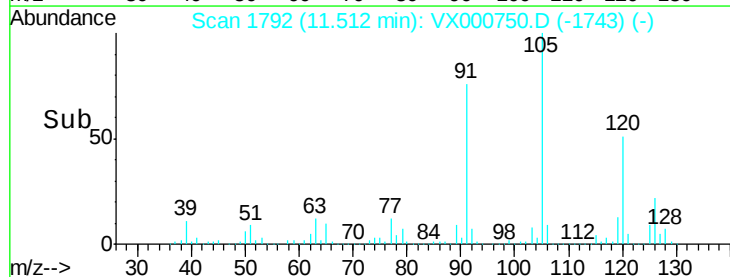
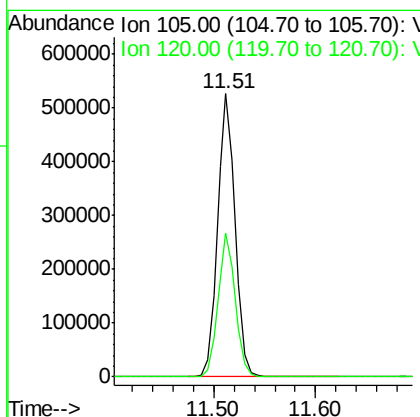
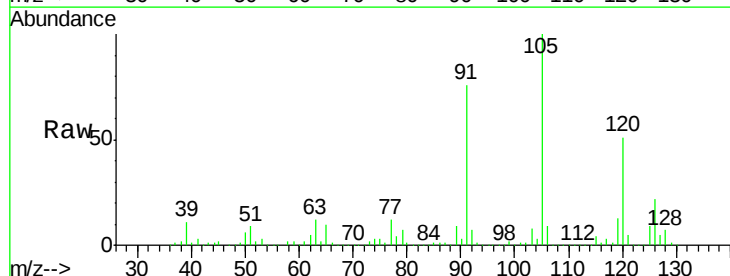
Manual Integrations
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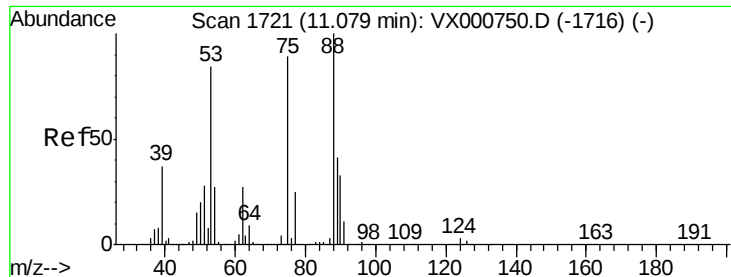
MMDadoda
 4/11/2018 11:20:43 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.00 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion: 105 Resp: 635079
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.0 75.0





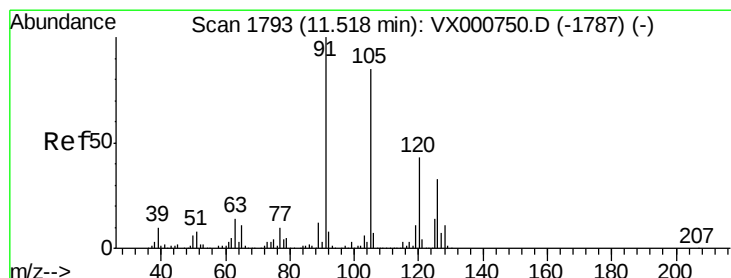
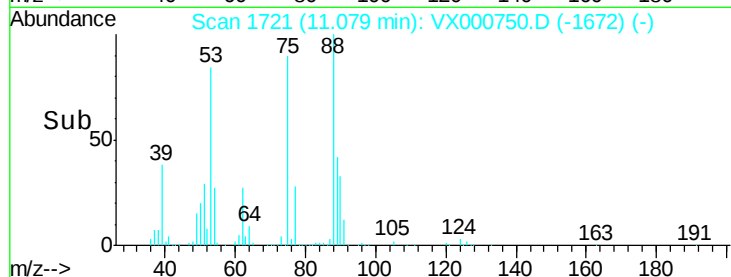
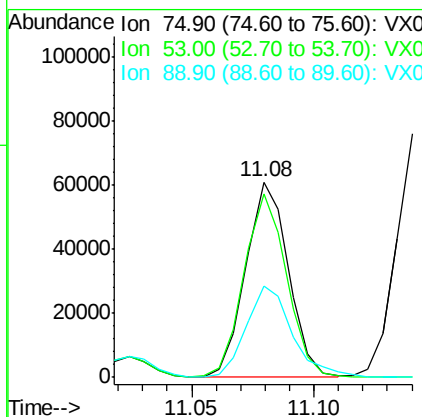
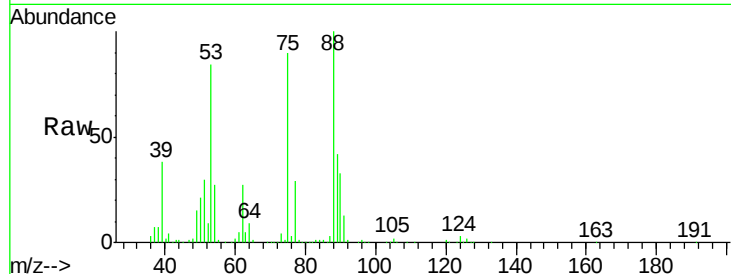
#81
trans-1,4-Dichloro-2-butene
Concen: 50.00 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.2	75.4	113.0
89	51.1	40.9	61.3

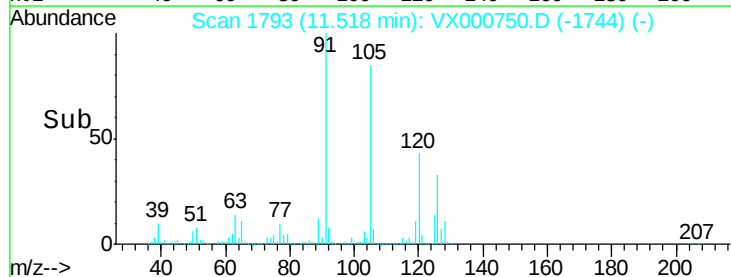
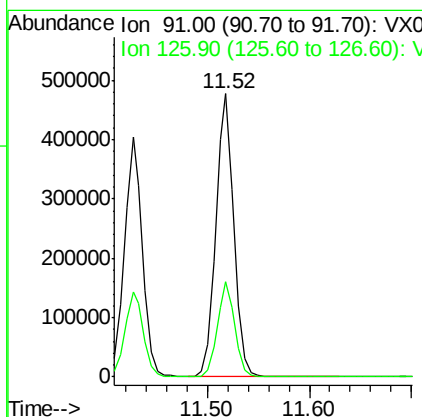
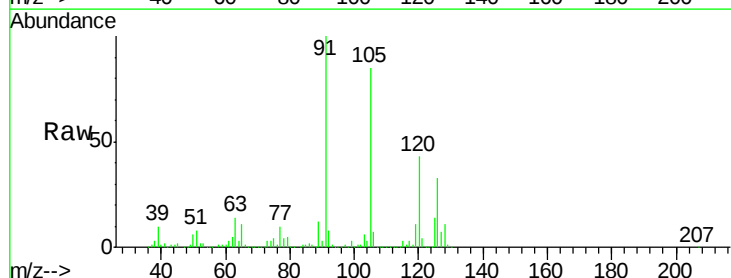
Manual Integrations
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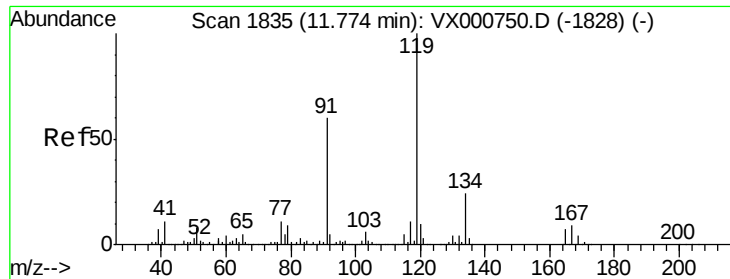
MMDadoda
4/11/2018 11:20:43 AM



#82
4-Chlorotoluene
Concen: 50.00 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6





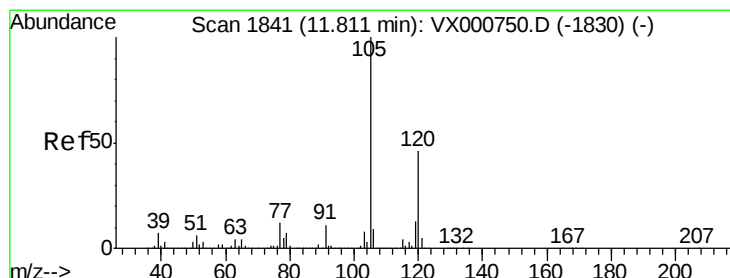
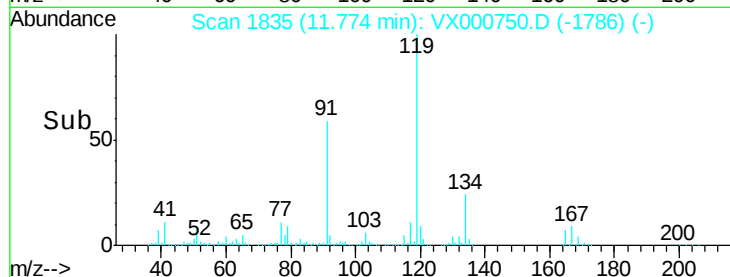
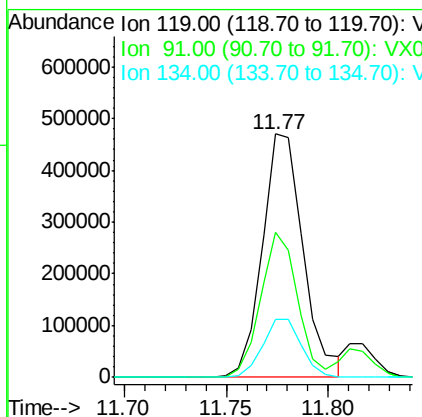
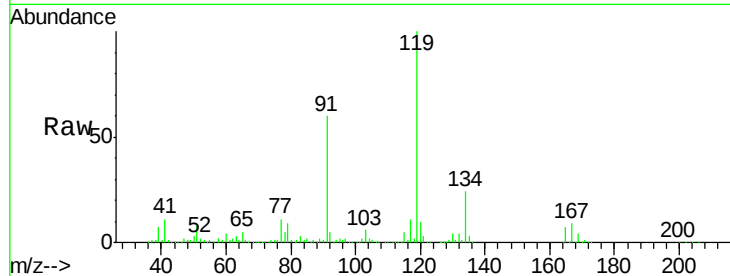
#83
 tert-Butylbenzene
 Concen: 50.00 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	657582		
91	53.5	26.8	80.3	
134	22.9	11.5	34.4	

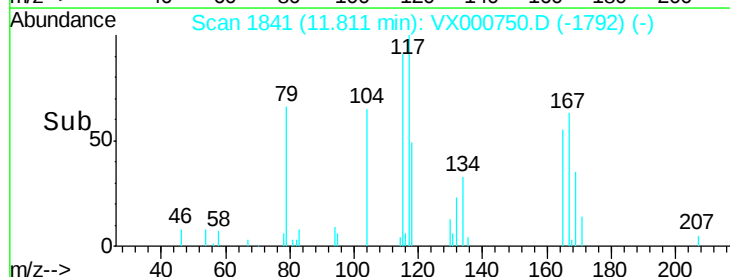
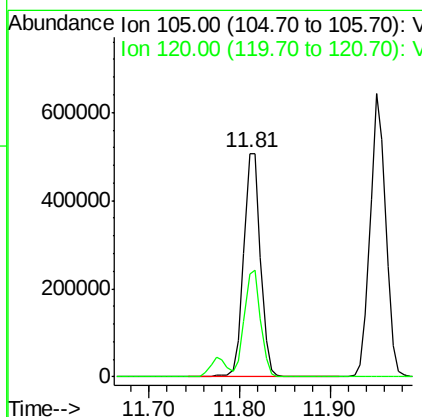
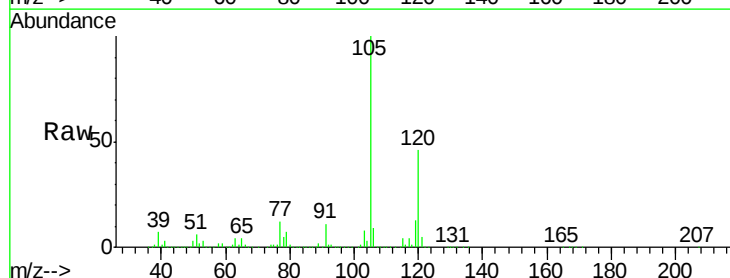
Manual Integrations
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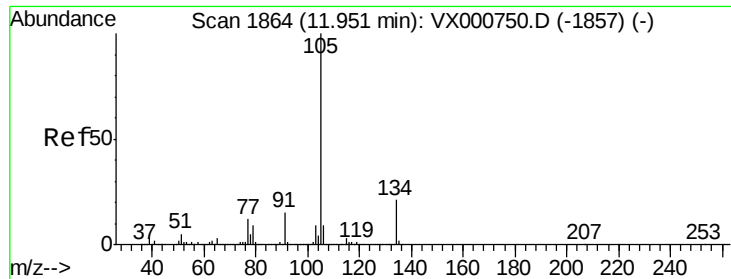
MMDadoda
 4/11/2018 11:20:43 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.00 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	650457		
120	46.2	23.1	69.3	





#85

sec-Butylbenzene

Concen: 50.00 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 764856

Ion Ratio Lower Upper

105 100

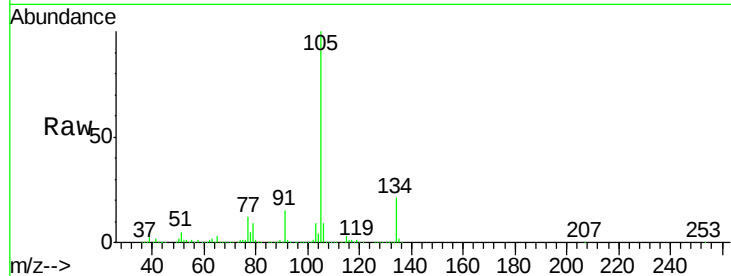
134 21.6 10.8 32.4

Manual Integrations

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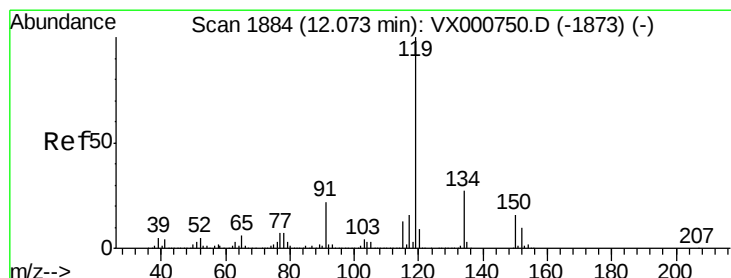
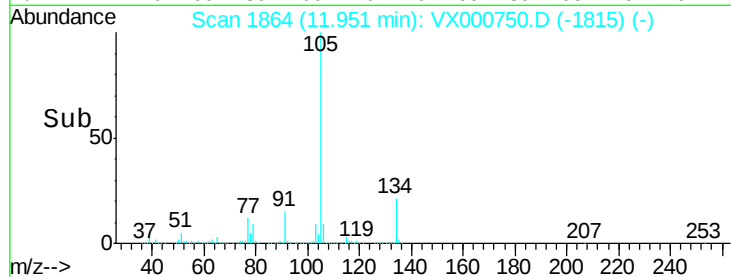
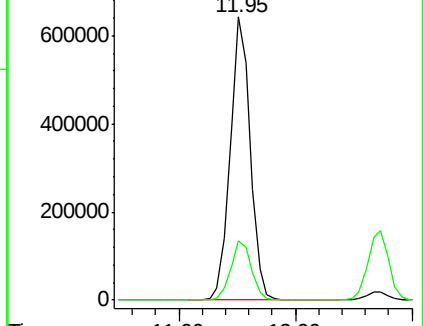
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

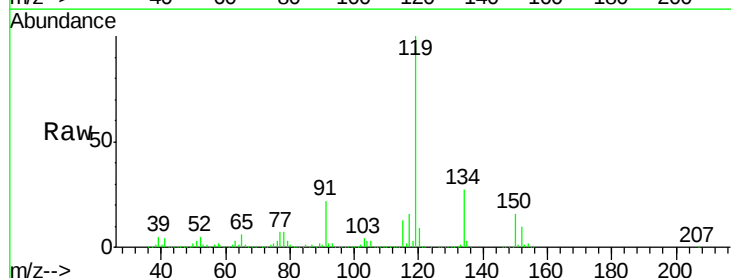
Tgt Ion:119 Resp: 712223

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

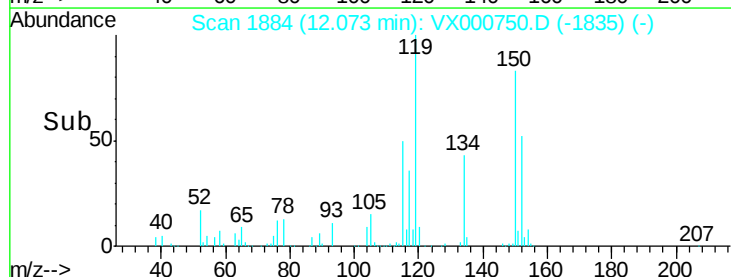
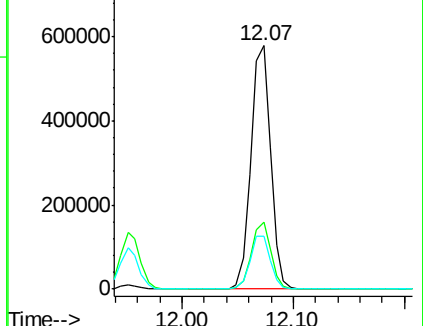
91 22.3 11.2 33.5

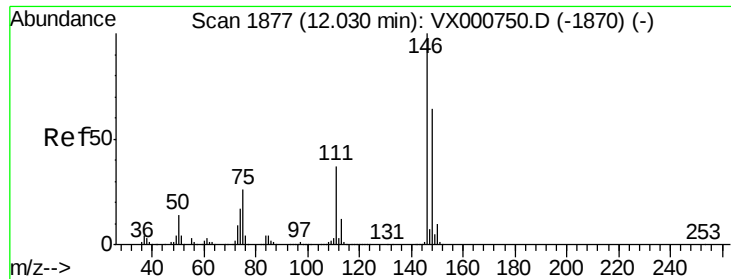


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





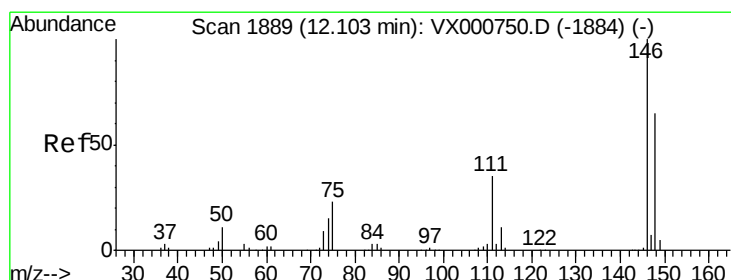
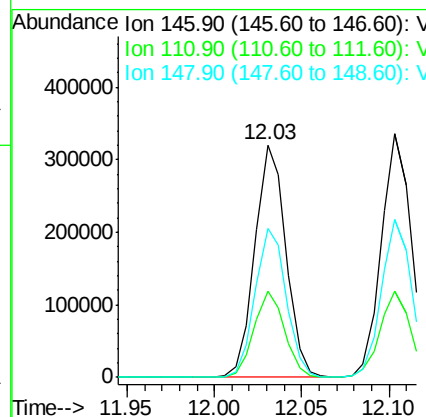
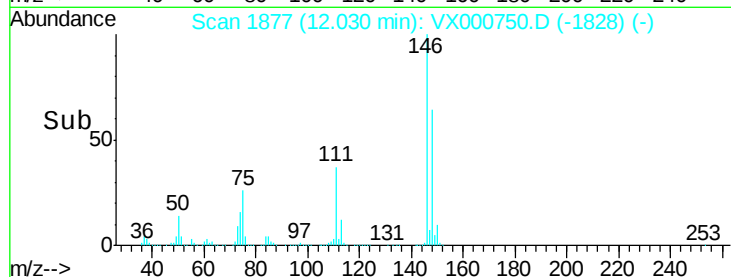
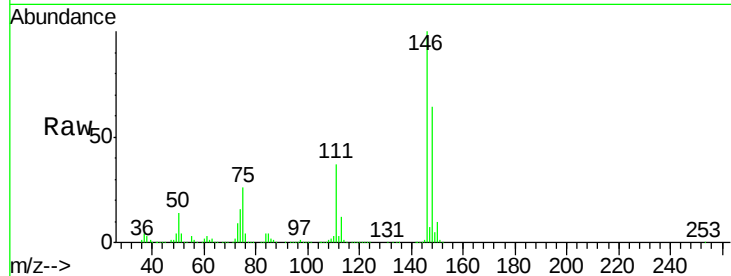
#87
 1,3-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	64.4	32.2	96.6

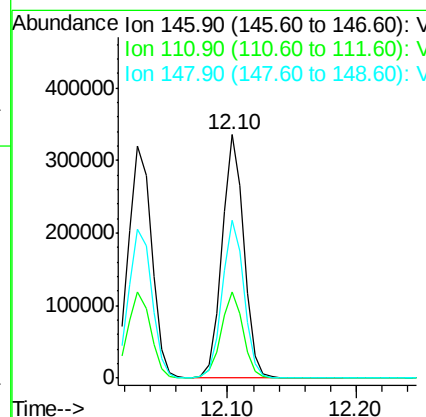
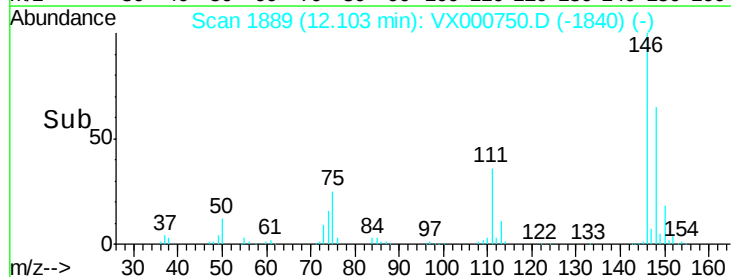
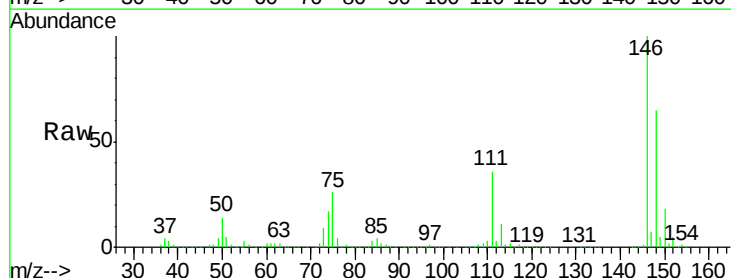
Manual Integrations
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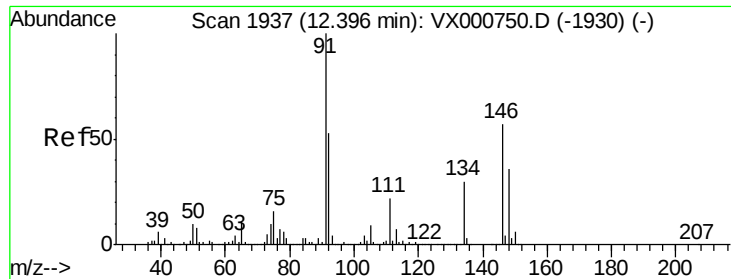
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#88
 1,4-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.8
148	65.1	32.6	97.7





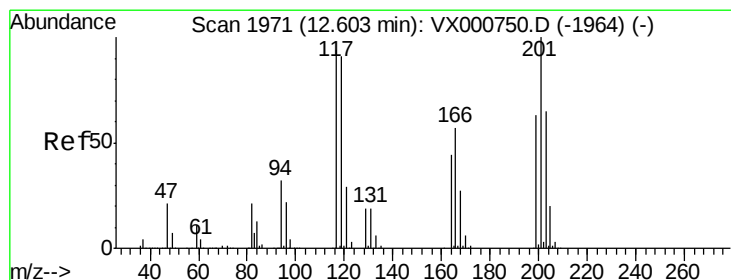
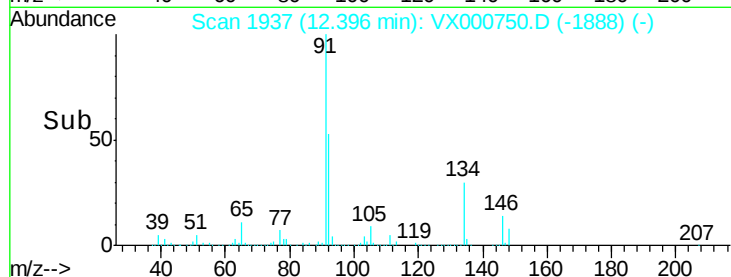
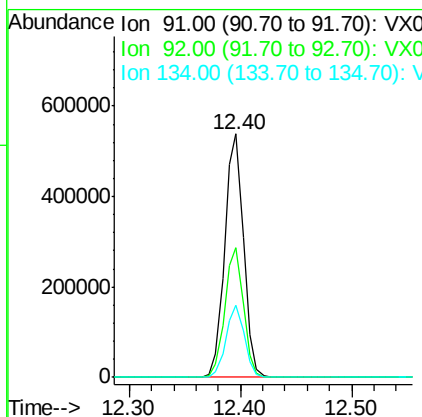
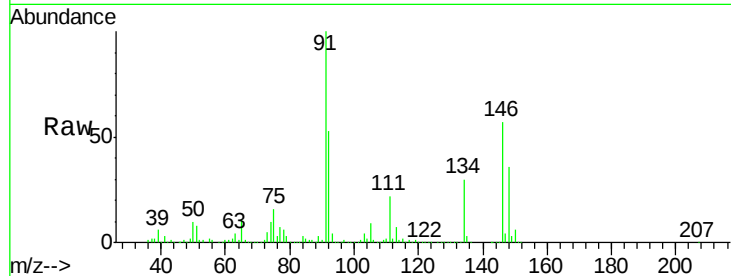
#89
n-Butylbenzene
Concen: 50.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	628051		
92	53.0		26.5	79.5
134	29.0		14.5	43.5

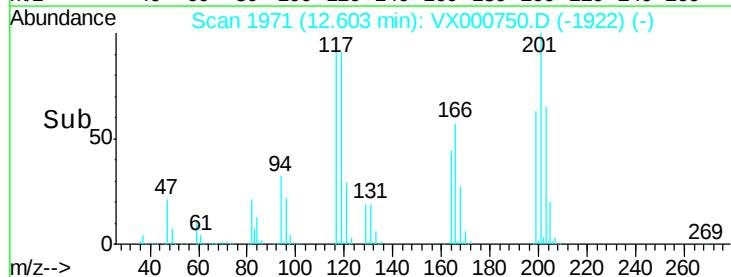
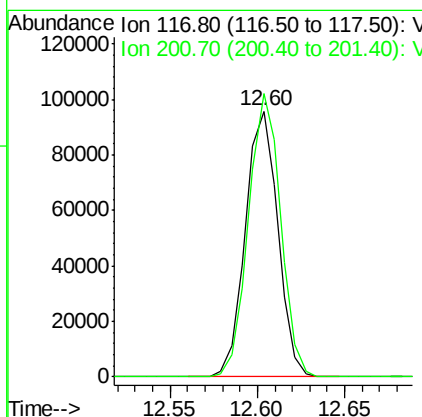
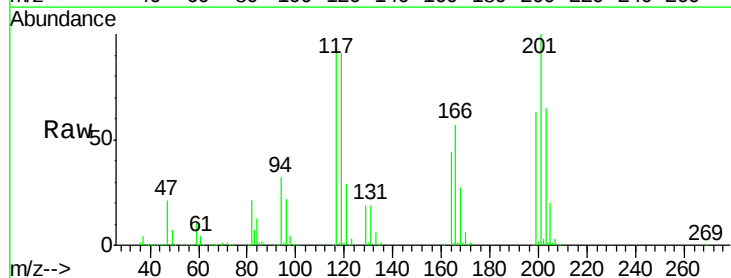
Manual Integrations
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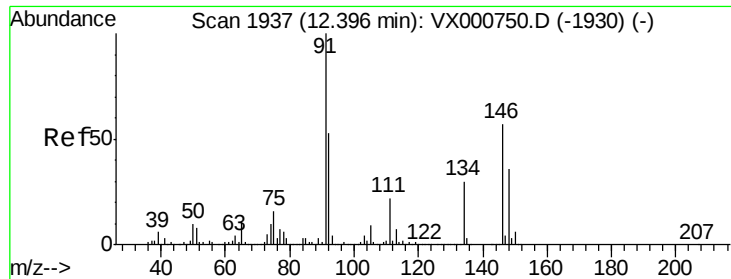
MMDadoda
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#90
Hexachloroethane
Concen: 50.00 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000750.D
Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124238		
201	105.8		52.9	158.7





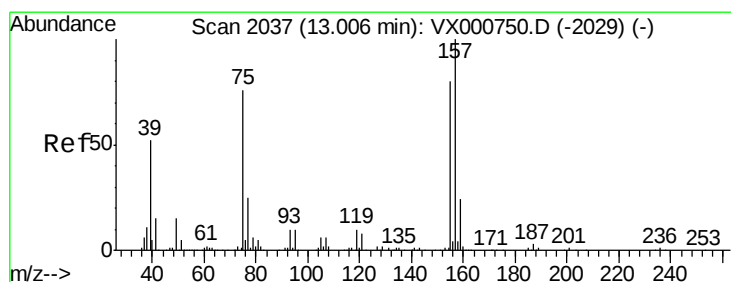
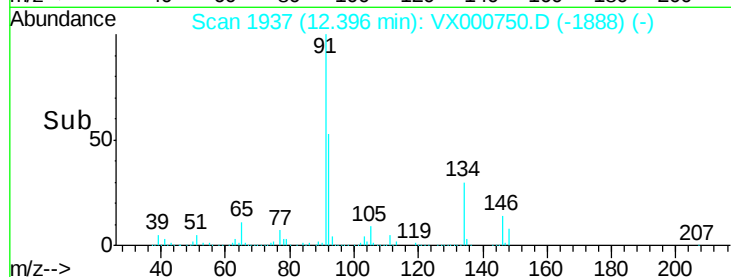
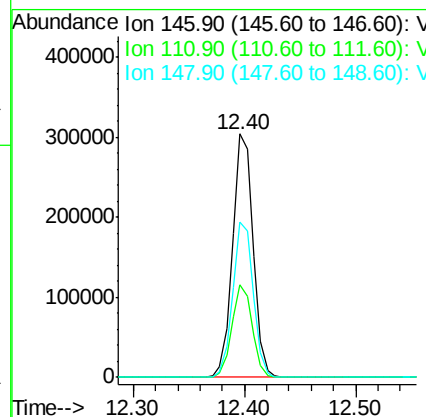
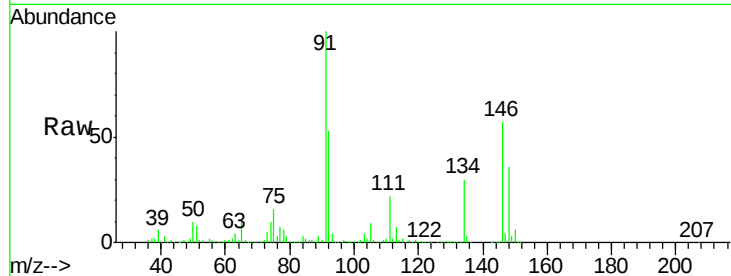
#91
 1,2-Dichlorobenzene
 Concen: 50.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.1	32.0	96.2

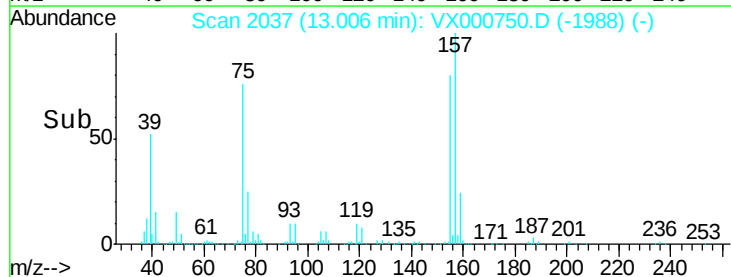
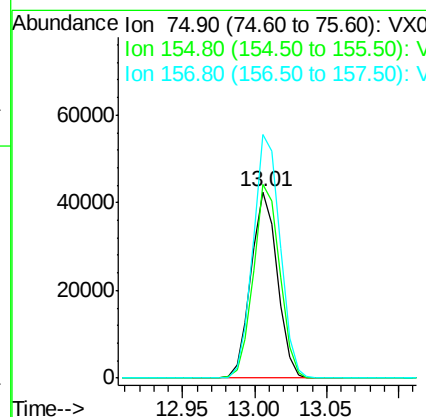
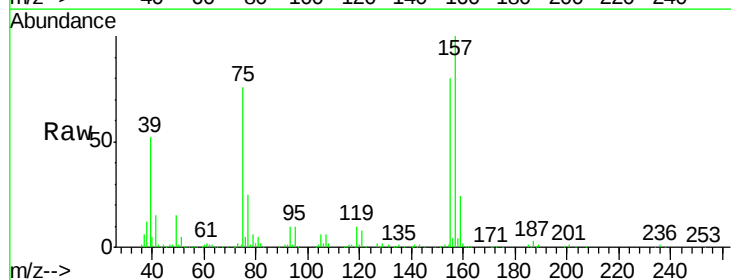
Manual Integrations
 APPROVED

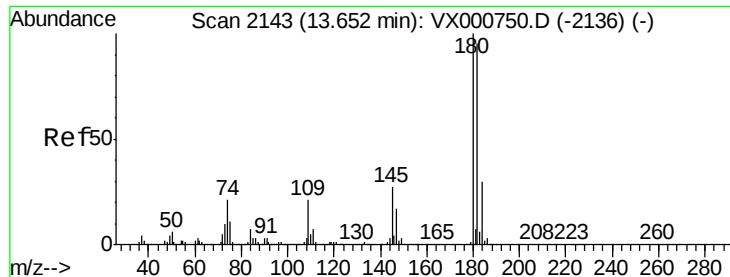
MMDadoda
 4/11/2018 11:20:43 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.9	51.9	155.8
157	133.2	66.6	199.8





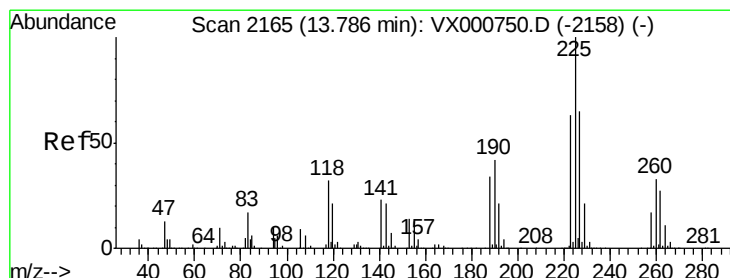
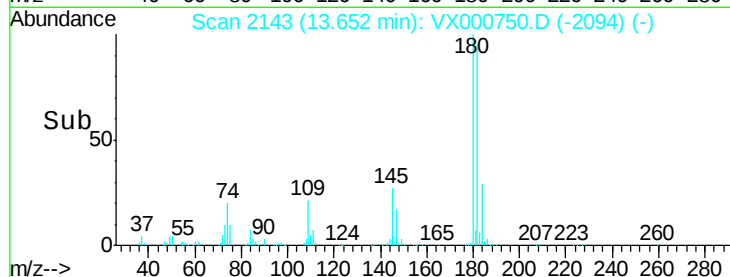
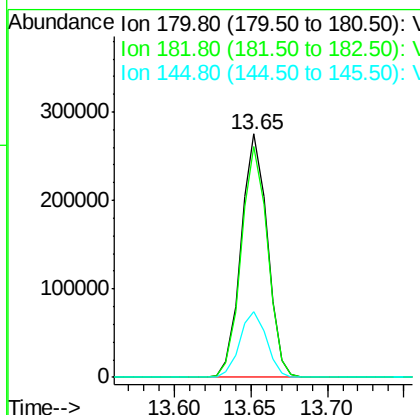
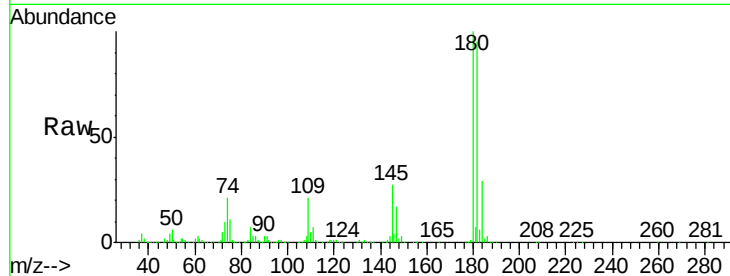
#93
 1,2,4-Trichlorobenzene
 Concen: 50.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	326883		
182	95.0	47.5	142.5	
145	27.6	13.8	41.4	

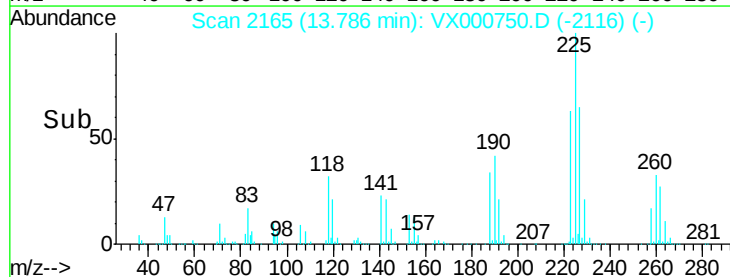
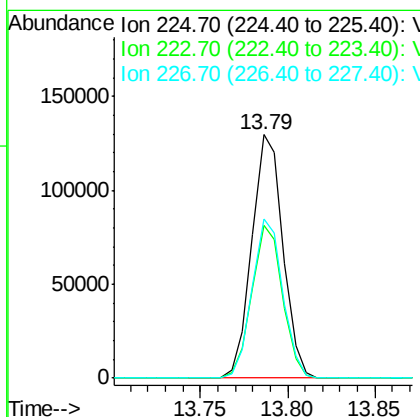
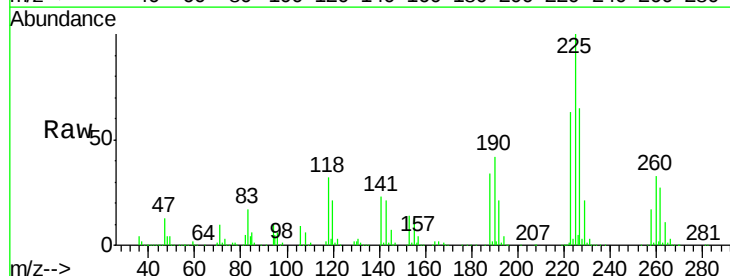
Manual Integrations
 APPROVED

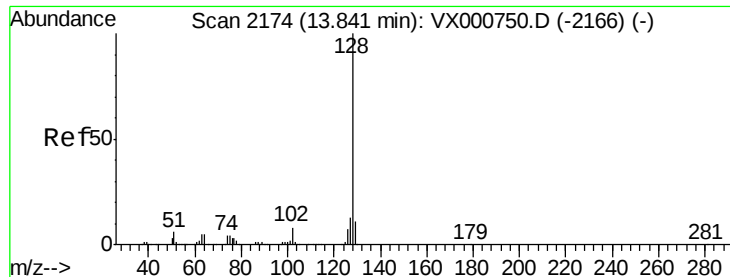
MMDadoda
 4/11/2018 11:20:43 AM



#94
 Hexachlorobutadiene
 Concen: 50.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX000750.D
 Acq: 10 Apr 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159848		
223	62.4	31.2	93.6	
227	64.6	32.3	96.9	





#95

Naphthalene

Concen: 50.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Instrument :

MSVOA_X

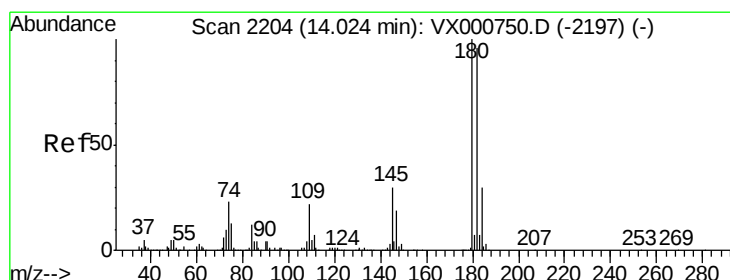
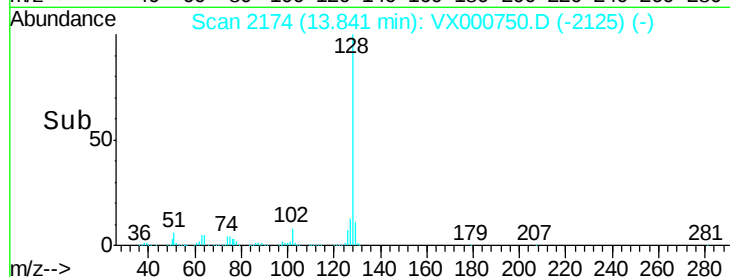
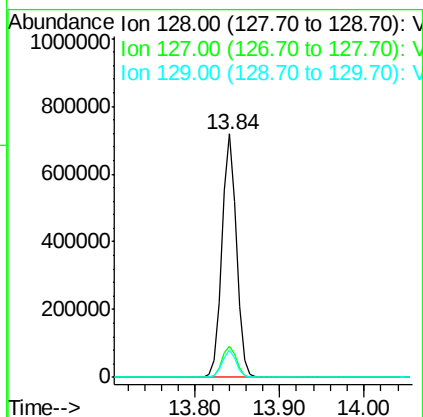
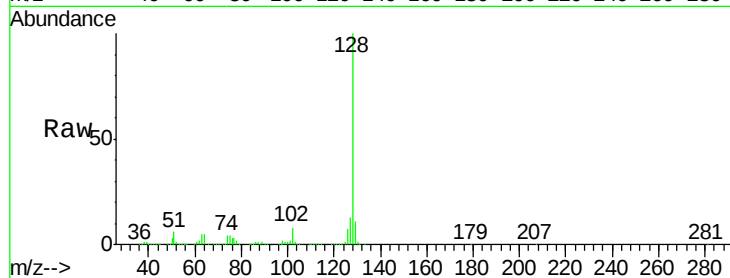
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	856856
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.00 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX000750.D

Acq: 10 Apr 2018 14:37

Tgt Ion:	180	Resp:	317933
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.4	145.2
145	29.2	14.6	43.8

